

JOHNSON'S Garden & Farm Manual

JOHNSON'S
JACK ROSE



JOHNSON SEED CO.
217 MARKET ST. PHILADELPHIA.

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Johnson Seed Co.,

No. 217 Market St., & 206 Church St.
Philadelphia, Pa.

HERBERT W. JOHNSON, of the Late Firm of Johnson & Stokes,
President and General Manager

To My Friends, Old Customers and Prospective Buyers :

With the year 1909, I start my thirty-seventh year in the seed business, and it is very gratifying that in all this time I have never done such a large business with progressive market and private gardeners in all sections of this country as during the year 1908.

Before establishing the late firm of Johnson & Stokes in 1881, I had served a practical apprenticeship of nine years with one of the best-known seed houses in Philadelphia; thus, being the experienced seedsman and senior partner of the firm, the active management of the business of Johnson & Stokes naturally devolved upon me. During the twenty-five years the old firm was in existence, I took PERSONAL AND COMPLETE CHARGE OF THE GROWING AND CONTRACTING WITH PRIVATE GROWERS FOR THE ENTIRE GARDEN SEED SUPPLY OF JOHNSON & STOKES.

From the first it was my aim to build up and hold a market garden and critical private trade; and to do this, I realized that I must furnish, without regard to cost, not only the BEST SEEDS THAT GROW, but the VARIETIES IT PAYS TO GROW. To this end, and for the express purpose of studying the methods and crops of other seed growers, I traveled extensively, often thousands of miles, during the growing seasons, visiting all the seed-growing sections of the United States to inspect crops grown on contract in sections best suited to their development. I also visited Europe, where some varieties seem to reach greater perfection than in our own country, to become personally acquainted with the old and successful growers of England, France, Germany, Holland and Denmark, and to familiarize myself with their methods.

With regard to new varieties, and especially those of foreign origin, it has always been my plan, in addition to testing on our own grounds, to have TESTS MADE BY EXPERTS for comparison. For instance, a new pea or bean was sent for trial to an expert in growing these; a new cabbage was sent to our expert cabbage-seed grower on Long Island, and so on all through the list. Thus I knew always the worth of a novelty before I gave it a place in our catalogues.

Notwithstanding I am surrounded by many old employees, some of whom have had 20 to 25 years' experience in the seed business, every department is given my personal care and supervision, and it is my desire that my long experience as employee, partner, business manager and seed grower may be of service to my many gardening friends in every way possible. With best wishes for successful crops this season, I am,

Yours very truly,

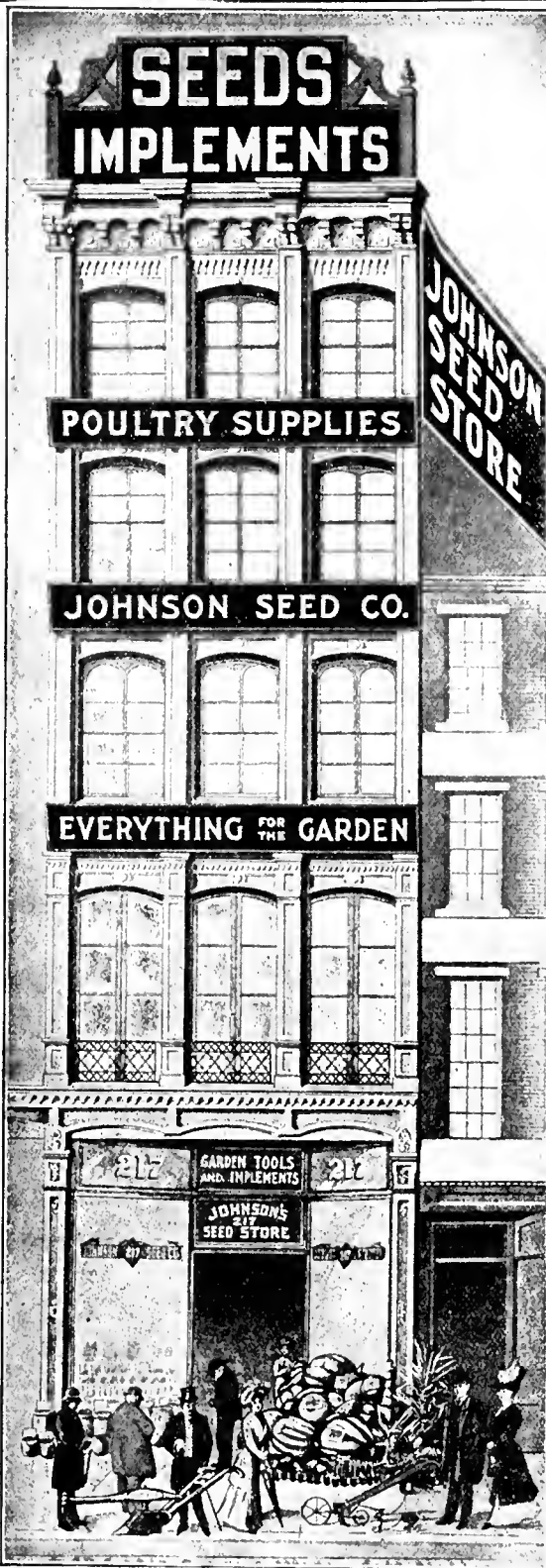
Herbert W. Johnson
of the late firm of
Johnson & Stokes

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ADDRESS ALL ORDERS, CORRESPONDENCE, ETC., TO
JOHNSON SEED COMPANY
 217 MARKET STREET
 PHILADELPHIA, PA.



OUR RETAIL STORE, 217 MARKET ST.

Located on the principal business street of Philadelphia, and extending through the block to No. 206 Church St. One of the most complete modern seed warehouses in America, fully equipped and up-to-date as to fixtures and other facilities, and with a thorough organization for the prompt and accurate execution of orders. When in town, call and inspect it. We shall be glad to see you at any time.

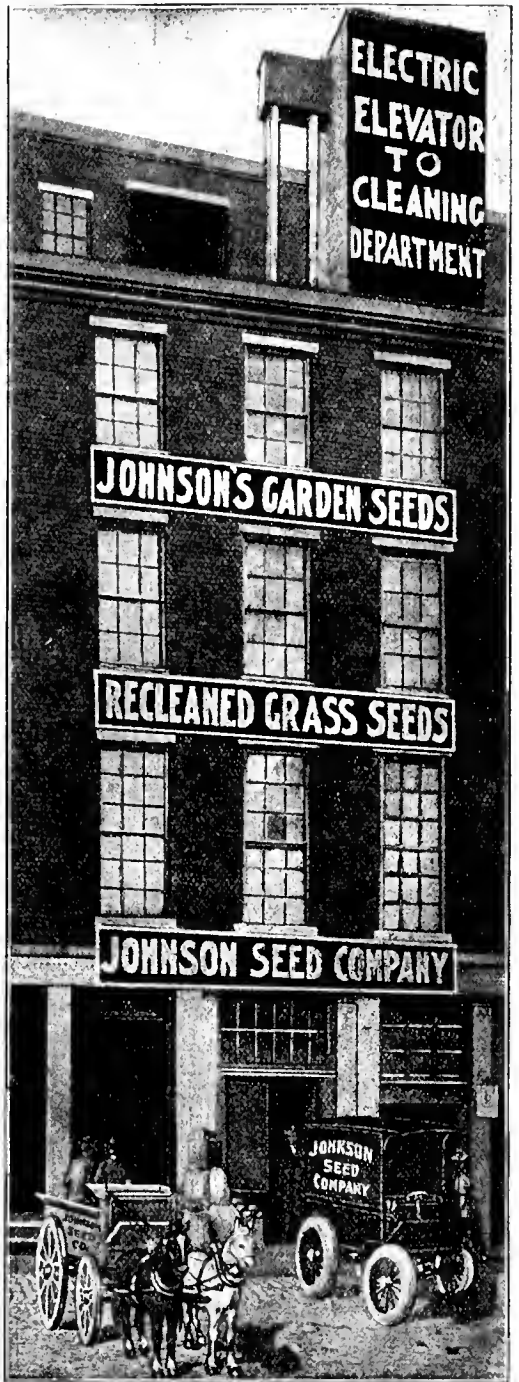
A FEW "POINTERS"

In this GARDEN AND FARM MANUAL we have, as is our custom, given strictly:

1. HONEST DESCRIPTIONS. Avoiding exaggeration, we tell simply the exact truth—just what we know from observation—about the varieties described.

2. HONEST ILLUSTRATIONS. Trusting entirely to photographic reproduction, our cuts can, in every particular, be relied upon to show you the exact results of planting "JOHNSON'S TESTED AND PROVEN SEEDS."

3. HONEST PRICES. As low as is consistent with first-class quality, without which no garden can be successful.



OUR CHURCH ST. STORE, No. 206



A Snapshot Photograph of First Floor of Our Retail Store, 217 Market Street, Philadelphia

WE DELIVER, FREE BY MAIL, ANYWHERE IN THE UNITED STATES

The U. S. Mail and its thousands of Rural Free Delivery Carriers, over this whole country, bring our Seed Store to every farmer's door, as we deliver, postage paid, all vegetable and flower seeds offered in this catalogue by the packet, ounce, quarter pound and pound.

Customers ordering these seeds by the pound, to be sent by freight or express, may deduct postage at the rate of 10 cents per pound, except where noted. When sent in this way, the purchaser pays the freight or express charges on receipt of seed. Purchaser pays express and freight charges also on pecks, bushels and barrels, and on Farm Seeds, Implements, Poultry Supplies, etc.

WHEN POSSIBLE USE ORDER SHEET opposite page 1, which can be easily detached from book at perforated line, and which also contains full directions for ordering.

REMIT AMOUNT WITH ORDER.—Money can be sent safely by post-office money order, express money order, bank draft or check. We will hold ourselves responsible for money sent in this way.

CASH.—Notes, silver or postage stamps, may also be sent at our risk and expense by registering your letter; registration fee (8 cents) may be deducted from amount sent on orders of \$1.00 and over.

THE MOST LIBERAL PREMIUMS EVER OFFERED

50 CENTS WORTH OF SEEDS EXTRA ALLOWED FOR EACH ONE DOLLAR SENT US FOR SEEDS IN PACKETS

\$1.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$1.50

\$2.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$3.00

\$5.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$7.50

25 CENTS WORTH OF SEEDS EXTRA ALLOWED FOR EACH ONE DOLLAR SENT US FOR SEEDS BY THE OUNCE

\$1.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$1.25

\$2.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$2.50

\$5.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$6.25

\$10.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$12.50

The above liberal premiums apply only to orders for flower and vegetable seeds in packets or ounces. Our packets are large size and liberally filled, with full cultural directions printed thereon.

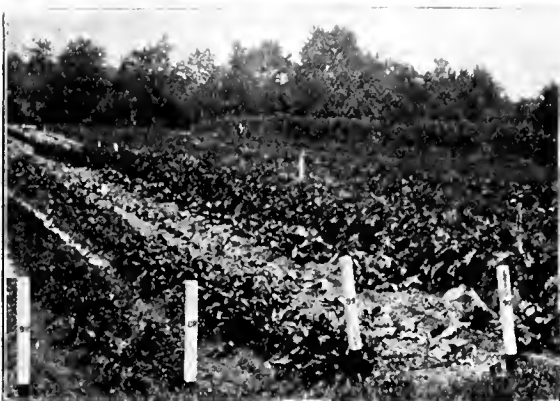
Novelties and Specialties in Vegetables

This is an age of progress in gardening as well as in other professions. There is an increasing demand for better vegetables and flowers.

The successful gardener, before ordering his supply of seeds, makes a careful study of one or more reliable seed catalogues. He has probably learned that there are two classes of seedsmen.

One class offer each year, in bewildering numbers, novelties from the four quarters of the globe, which they claim are destined to eclipse all similar varieties heretofore known. Such catalogues the gardener must regard humorously if he considers them at all.

There is another class of seedsmen who are constantly on the lookout for something of value. New varieties of proven and distinct merit are promptly included in their lists, after thorough trials, such as made by us each season on our trial grounds.



SECTION OF OUR TRIAL GROUNDS. TESTING NOVELTIES.



STARKEY'S MAMMOTH PROLIFIC ASPARAGUS.

NEW ASPARAGUS

STARKEY'S MAMMOTH PROLIFIC

Originated and selected by one of Philadelphia's most successful market gardeners, who, for a few years past, has sent the largest and handsomest Asparagus to this market, realizing very high prices. Stalks are very large, tender, succulent and distinct bright green in color. Stalks measure $\frac{1}{2}$ to 2 inches in diameter and have been known to weigh $\frac{1}{4}$ lb. each. Mr. Starkey is a high cultivator and is usually one of the first in the market. Seed, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75. Roots, 1 year old, by mail, postpaid, per 100, \$1.75; by express, \$1.25 per 100; \$6.50 per 1000; 2 years old, per 100, \$1.50; 500 for \$5.00; per 1000, \$8.00.

WITHAM FIREBALL

THE EARLIEST KNOWN BEET

This is a new and distinct extra early turnip-beet from an expert English grower, seed of which was first offered last season. The flesh is solid, crisp and sweet, brilliant fiery red, much more intense than Eclipse. In form it is a perfect globe with smooth skin, a tiny tap root and very slender leaf stalks. It is specially adapted for forcing, but can be sown with equal success in the open ground. Price, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

NEW BEAN

JOHNSON'S GREEN POD STRINGLESS POLE

After two years' trial we take pleasure in offering and recommending this new Green Podded Stringless as the very best pole bean in cultivation. The writer named and introduced the Lazy Wife's and Andalusia Pole Beans some years ago, but this new one beats them all, being much earlier and covering a longer season of productiveness. Pods in clusters, 7 to 9 inches in length, dark green and very meaty. Seed pearly white. Pkt., 15c.; 2 pkts., 25c.; pint, 35c., postpaid; by express, qt., 50c.; 4 qts., \$1.75 (supply limited).



Photograph of an average pod of JOHNSON'S NEW GREEN POD STRINGLESS POLE BEAN

NEW FORDHOOK BUSH LIMA BEAN



PHOTOGRAPH OF POD, NATURAL SIZE,
OF THE UNIQUE FORDHOOK
BUSH LIMA.

The only stiffly erect Bush form of the Potato Lima! Both pods and beans are twice the size of Dreer's and more than half again as large as the Challenger Pole Lima.

FORDHOOK BUSH LIMA is altogether unique. Nothing like it has ever been seen before! It was created by Nature as a single sport in a field of the Challenger Pole Lima in 1903. Until now the Kumerle or Dreer's Bush Lima has been the only dwarf form of the fat "Potato Lima." An objection to this, however, is found in the prostrate growth of the plant, the pods frequently becoming discolored from being beaten to the ground by wind or rain.

FORDHOOK BUSH LIMA is positively upright in growth. The strong, erect bushes withstand both whipping rains and high winds. The main stalk is stiffly erect, from two to two and one-half feet high, and from this is thrown out a great number of lateral branches, closely resembling Burpee's Bush Lima in this habit of growth. The foliage is much heavier than Dreer's; the leaf is broader, resembling that of a large Pole Lima, of heavy texture and dark green in color, while the pods are borne along stalks thrown out from the lateral and main stalks in "clusters" of from four to eight. The pods resemble Dreer's, but are much larger, measuring from four to five and one-half inches long, one and one-eighth to one and one-quarter inches wide, by as much as three-quarters of an inch thick.

FORDHOOK BUSH LIMA is fully twenty-five to thirty-three and one-third per cent. a heavier cropper. Both the green and the dried beans, as compared with Dreer's, are truly enormous, being more than double the size. On one bush we counted fifty-two pods, the majority containing four beans, while a great number contained five. In a selected plant of Dreer's there were not nearly so many well-formed pods, while a number contained only two small beans. The flavor of the green beans is all that can be desired in this chubby or potato lima type, which is given such preference on the New York markets. Being more productive, and of upright growth, with larger, handsomer pods and from four to six days earlier, it is bound to entirely displace the Kumerle (Dreer's or Thorburn) Bush Lima.

Seed, **ORIGINATOR'S STOCK**, per pkt., 15c.; $\frac{1}{2}$ pt., 25c.; pt., 45c., postpaid. By express, pt., 35c.; qt., 60c.; 2 qts., \$1.10; peck, \$3.50; bush., \$12.50.

Henderson's Early Leviathan Pole Lima

One week earlier than any other Pole Lima. Immense size. Wonderfully productive

This new variety is at least one week earlier than any large Pole Lima yet offered, and two weeks earlier than most varieties. Earliness often means the sacrifice of other valuable features, but in this variety the good features of the later sorts are retained. It is wonderfully productive, the pods and beans immense and the flavor delicious. Price, pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express, qt., 35c.; peck, \$2.00; bush., \$7.50.

The "Burpee Improved" Bush Lima

This new variety, which was offered last year for the first, produces magnificent crops of pods, which measure from five to six inches long by one and one-quarter inches wide. As compared with Burpee's Bush Lima, both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. The green beans measured in the field of **The Burpee Improved** were one and one-quarter inches long by seven-eighths of an inch wide and three-eighths of an inch thick, while the best that could be found in neighboring fields of Burpee's Bush Lima were one and one-eighth inches long, eleven-sixteenths of an inch wide and one-quarter of an inch thick. The beans are of the same delicious flavor as those of Burpee's Bush Lima or the Large Lima Pole Bean, while they are ready to use six to eight days earlier.

Seed, **ORIGINATOR'S STOCK**, per pkt., 15c.; $\frac{1}{2}$ pt., 35c.; pt., 60c., by mail, postpaid. By express or freight, pint, 50c.; qt., 85c.; 2 qts., \$1.50; peck, \$5.00.



NATURAL SIZE FRESH GREEN BEANS OF THE NEW
FORDHOOK BUSH LIMA.



JOHNSON'S QUICK CASH. The earliest flat head cabbage.

JOHNSON'S QUICK CASH

A Flat-Headed Earliest Cabbage

A cross between our celebrated Very Earliest and Early Spring, our Quick Cash Cabbage combines the extreme earliness of the pointed varieties with the flat head of the later sorts, the latter type being generally preferred.

It has a short stem, and is a firm, solid header, growing to good size for such an early cabbage. The outer leaves are few and the heads have been known to stand for weeks without bursting. These advantages, together with its large yield per acre, make it a most profitable and desirable early cabbage for either the market or home garden. Pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

JOHNSON'S THUNDERHEAD CABBAGE

See also colored illustration on back of this book. A wonderful new second early and main crop cabbage, seed of which is now offered for the first time.

For many years the finest cabbage as well as the best cabbage seed grown in America comes from the eastern end of Long Island. Hundreds of growers there depend entirely on their crops of cabbage, dozens of whom have their own varieties or strains selected by themselves. By keeping in touch with these growers, we have secured seed stock of several new and distinct sorts by offering tempting and fabulous prices for our stock seed; among these are our Quick Cash described above, also Johnson's Ever Ready described on opposite page. We believe, however, in the New Thunderhead we have the very best second early and one of the best main crop cabbages ever sent out, and we want every cabbage grower to give it a trial, but regret supply is so limited this season that we cannot offer or sell more than $\frac{1}{4}$ lb. to any one customer. Price, for 1909, pkt., 20c.; oz., 60c.; 2 ozs., \$1.00; $\frac{1}{4}$ lb., \$1.75.



JOHNSON THUNDERHEAD CABBAGE. From a photograph.



PHOTOGRAPH OF AN AVERAGE HEAD OF JOHNSON'S EVER-READY CABBAGE. Pkt., 20c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.35.

NEW CABBAGE—JOHNSON'S EVER-READY

In the Spring of 1907, we were fortunate enough to secure from one of the largest cabbage seed growers of Long Island a small supply of seed of a new cabbage successfully grown by him for several years, but to which he had never given a name. We did not place it on sale, but sent out sample packages for trial, offering \$100.00 in cash prizes for the best name suggested. These names were submitted to a committee, who decided that **JOHNSON'S EVER-READY** was the best name sent in. Checks were immediately sent to the prize winners, whose names and addresses were published in our 1908 Manual.

We unhesitatingly pronounce this to be one of the **handsomest, hardest heading and most uniform of all cabbages**. In a field of 4 acres, not a single plant showed the slightest variation from its true and valuable type, every one forming a large, solid, white head, weighing from 16 to 18 lbs. each and of the finest quality.

WHY IT WAS NAMED "JOHNSON'S EVER-READY."

MR. JOSEPH H. PARKIN, a prominent market gardener of Wood's Cross, Utah, in a letter dated August 20, 1907, writes as follows:—"The name for the 'New Nameless Cabbage' I think should be **JOHNSON'S EVER-READY**, for the following reasons: Planted at the same time with Market Gardeners' No. 2 side by side, I cut from it my first cabbage. It grew solid from the start, and on this account is ready for the table any time after it is as large as a door-knob, and to the man selling by weight it has the advantage in being so solid. It is a worm-resister, but two heads showing any sign of worms, while every head of another variety, only two feet away, was badly eaten." Price: Pkt., 20c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.35; lb., \$4.75.

We have received hundreds of letters about the superior qualities of this cabbage and regret we have not room here to publish more of them.

391 HANDSOME HEADS FROM 400

J. W. HAMLIN, Hillsdale, Mich., writes: "I set out 400 plants of your new cabbage, 'Johnson's Ever-Ready,' and have 391 of the handsomest heads you ever saw."

NONE BETTER IN 30 YEARS

H. J. SUMERS, Zanesville, Ohio, writes: "I have been gardening for over 30 years, and have never had as good an all-round cabbage as 'Johnson's Ever-Ready' and I have bought seeds from all the principal seedsmen in the United States."

FIRST PRIZE AND SPECIAL PREMIUM

J. W. HUMPHREYS, Chadds Ford, Pa., writes: "At our State Fair this week I put on exhibition three heads of your new cabbage, 'Johnson's Ever-Ready.' I got first prize for them; also receiving a special premium for same."

WONDER OF ALL

C. E. MORTON, Beltsville, Md., writes: "Your new cabbage, 'Johnson's Ever-Ready,' is the finest we have ever grown; it is the wonder of all; such large, showy, solid heads surprise everyone in this section."

COULD HAVE HANDLED A CARLOAD

WM. T. MERRIL, Rising Sun, Md., writes: "From a small packet of 'Johnson's Ever-Ready,' I raised 50 large heads, the largest weighed 20 lbs., the smallest, 11 lbs. 8 ozs. Sold all of them; could have handled a carload."

THRIFTY GROWER—SOLID AND HEAVY

S. R. LIVINGSTON, Worthington, Ind., writes: "I am delighted with 'Johnson's Ever-Ready.' It is a thrifty grower, making fine, large, solid and heavy heads. I have two single plants that measure four feet eight inches each from tip to tip."



JOHNSON'S MANHATTAN—TRIMMED FOR MARKET.

New Long-Keeping Celery JOHNSON'S MANHATTAN

See, also, colored illustration on back of this book

This is no doubt the finest type of late winter keeping celery ever offered, even surpassing in this respect our famous Winter Queen Celery. Our attention was first called to it in New York markets two years ago, and upon investigation we learned the name of the grower on Long Island and secured from him, at high cost, a few ounces of seed, from which our present supply is grown. It is the heaviest green celery, full hearted, very solid and crisp. Pkt., 20c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

SILVER SELF-BLANCHING

A combination of the two most widely known celeries, being similar in habit of growth to Golden Self Blanching, and like White Plume in color of foliage. It is a rapid grower and requires no banking other than placing boards on each side of the plants. The heart is full and solid, and both it and the inner stalks are pure white. The flavor is delicious and will please the most critical.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

For other varieties of celery see pages 30 and 31 of this catalogue.

NEW COLUMBIA CELERY

A great acquisition in earliness, showy form and superior quality. Market gardeners in all sections where grown say it outsells all others.

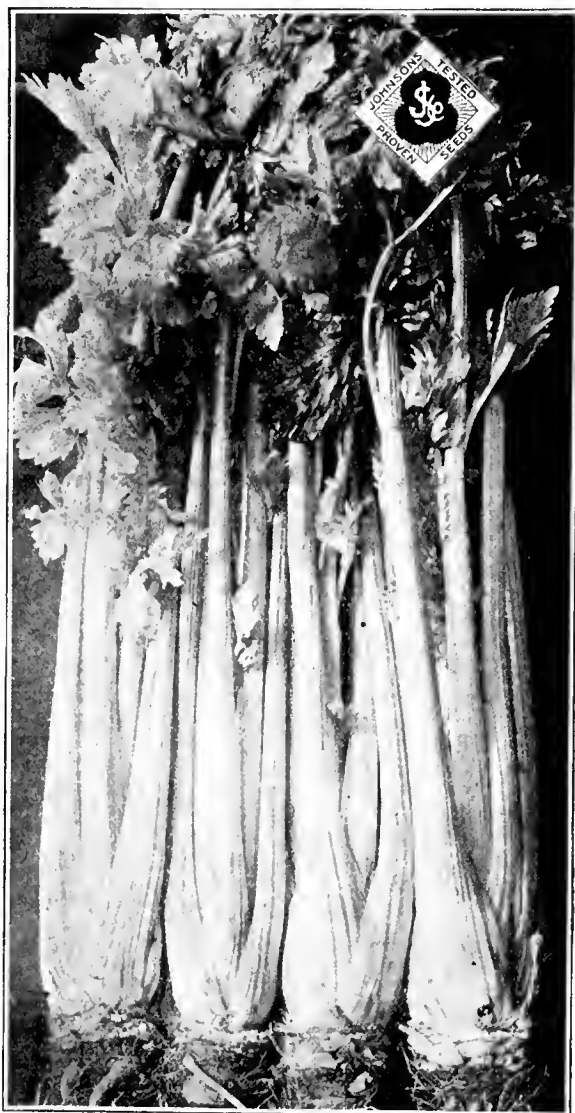
The plant is of medium height, but very stocky and heavy. Stalks are thick, resembling in shape those of Giant Pascal. The color has in it more of the rich yellow tint of Paris Golden Self-Blanching. The foliage is of a distinctly light shade of green, with a tinge of yellow. In season it follows in close succession Golden Self-Blanching.

Pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.25.

What a Large Michigan Celery Grower Says of New Columbia:

H. L. HARRIS, Newberry, Mich., writes:—"All the celery seed purchased from you gave finest results, especially the 'New Columbia,' which I consider a wonderful variety for market and keeping."

A SPECIAL OFFER.—We will mail 1 large packet each of the 3 valuable new varieties of celery described on this page for 25 cents.



NEW COLUMBIA CELERY—BEST OF KEEPERS



Johnson's Northmount Egg Plant

This fine new variety is the result of selection of the very earliest and finest fruits of the celebrated "Black Beauty." It is, beyond question, **the earliest and hardiest of all Large Smooth Purple Egg Plants.** While the fruits are not always quite as large as Black Beauty, it ripens fully ten days earlier and is suited to more northern climates. One of the faults of the old sorts was that they matured so late that in northern latitudes the entire crop could not be gathered before frost set in and destroyed them. With the introduction of Johnson's Northmount, this danger is past, owing to its great earliness.

The plants branch freely near the ground and grow in well-rounded bushes. The fruits are thick, of most attractive shape (as shown in illustration), and in color a lustrous purplish black. This coloring is uniform over the whole fruit, and does not fade at the blossom end, as do so many of the older varieties. It is valuable alike to the private planter and the extensive grower for market. We have received hundreds of letters testifying to the merits of this valuable Egg Plant, all of which pronounce it not only the earliest, but the best. Prices, per pkt., 20c.; 4 pkts., 60c.; $\frac{1}{2}$ oz., 85c.; oz., \$1.50; $\frac{1}{4}$ lb., \$5.00.

THREE WEEKS AHEAD OF OTHERS

E. H. BLANGEROE, Topeka, Kansas, writes:—"Your 'Northmount Egg Plant' was the finest and earliest I ever raised. I sold them for \$1.50 per dozen. They were three weeks ahead of any others."

THE BEST HE EVER RAISED

A. B. LEIGH, Great Meadows, N. J., writes:—"Your 'Northmount Egg Plant' is decidedly the best variety I ever raised. Vines just loaded with the fruit, some weighing as much as 4 lbs. each."

Johnson's Five-Eared Sugar Corn

Three years ago on our trial grounds we found a stalk of corn containing five well-filled ears. These were carefully saved and planted on strong ground, and to our surprise almost every stalk bore five good ears which, after careful selection, were again planted, until we now have a variety which on strong ground and with good cultivation will invariably produce five good, well-developed ears to the stalk. The ears are of medium size, with irregular rows, somewhat similar to the old Shoe Peg, which is one of its parents. It is, however, earlier than that variety and deliciously sweet. It will prove a money-maker for the market gardener and a bonanza to all who plant it. Supply is limited, so we cannot offer it in larger quantities than a peck to any one customer.

Pkt., 10c.; pint, 35c.; qt., 60c., by mail, postpaid; qt., 50c.; 4 qts. for \$1.75; peck, \$3.00, by express or freight.

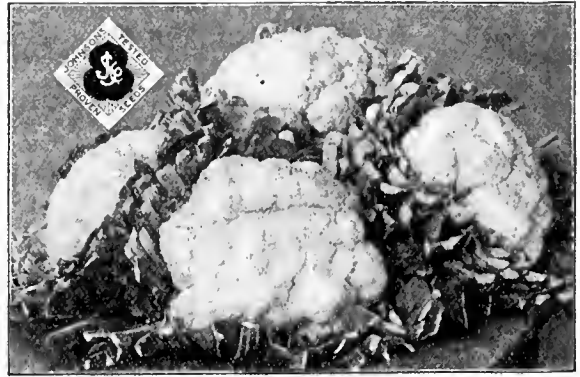


Photograph of Section of Stalk JOHNSON'S FIVE-EARED SUGAR CORN.

New Danish Cauliflower Pearl of Denmark

We have tried new varieties of cauliflower seed from many of the most successful Danish growers, and this is the first new sort which can compete with the famous Early Alabaster. It is of the Snowball type, with smaller leaves, and about two weeks earlier. The heads are large, very white and solid. We can recommend this strain very highly for growing either under glass or in open ground. A very shy seeder. Seed grown in Denmark.

Pkt., 30c.; $\frac{1}{4}$ oz., \$2.75; oz., \$5.00.



NEW CAULIFLOWER, PEARL OF DENMARK.



HOLYROOD HOT-WEATHER LETTUCE, A GREAT SUCCESS AMONG GARDENERS.

Holyrood Hot Weather Lettuce

Hundreds of letters from customers all agree that this is the most remarkable heat-resister they have ever grown, standing longer than any other of the rich butter varieties. Heads are large, firm and solid; light green outside, blanching to a beautiful cream-yellow inside; unusually tender and crisp. Can be sown at any season of the year. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

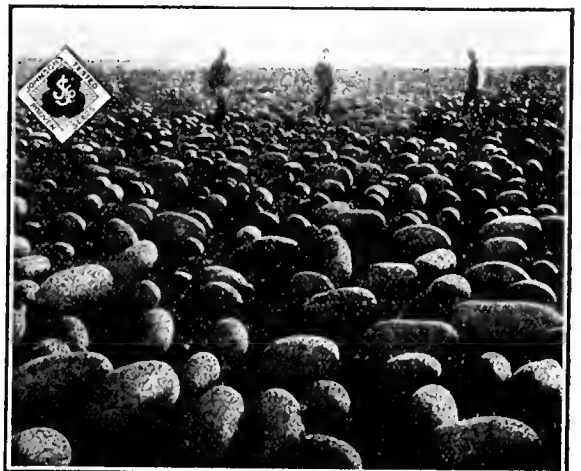
IT PAYS TO TRY "Johnson's Tested Novelties"

Because you need buy only one packet or an ounce, at but a trifling expense, to learn whether or not they are valuable for your section. No new vegetables are ever introduced by us except from our own personal knowledge of their character and merits.

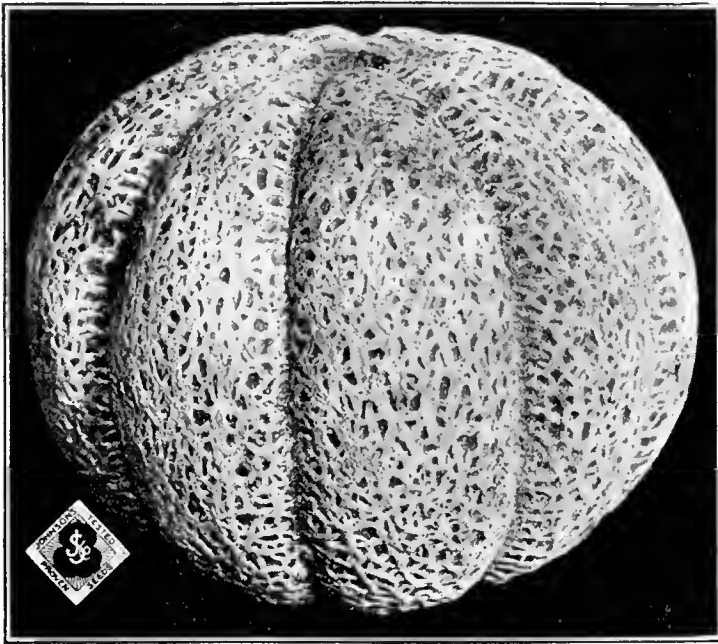
NEW WATERMELON Johnson's Ozark Beauty

A cross between Johnson's Dixie and Florida Favorite, possessing the remarkable shipping qualities of the Johnson's Dixie and the deep, rich, red sugary flesh of the Florida Favorite. Its wonderful productiveness is well shown in the photograph alongside. Vines very vigorous, setting large melons 2 to 2 $\frac{1}{4}$ feet in length, weighing 30 to 35 lbs. each. The rind, though thin, is very tough. Skin grayish green. No better melon for either home table or market has ever been introduced.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.



SECTION OF FIELD, JOHNSON'S OZARK BEAUTY WATERMELONS
SHOWING THEIR WONDERFUL PRODUCTIVENESS.



PHOTOGRAPH OF AN AVERAGE SPECIMEN NEW "FORDHOOK" MUSKMELON.

NEW "FORDHOOK" MUSKMELON

A RED-FLESHED JENNY LIND
Fully equals Emerald Gem in delicious flavor. Rough-netted skin, solid, thick salmon flesh; better shipper than Rocky Ford.

This grand new melon is a cross between "Emerald Gem" and the "Improved Jenny Lind," resembling the latter in form and fully as delicious as the former. Roughly netted, the skin showing between the netting being emerald green, while the very solid thick flesh is of an attractive deep salmon color and surpassingly sweet to the very rind. Many who have tasted it declare it to be even **more delicious than Emerald Gem**, which has always been known as a marvel of sweetness. **Fordhook Muskmelon** is most vigorous in growth, very early and extremely

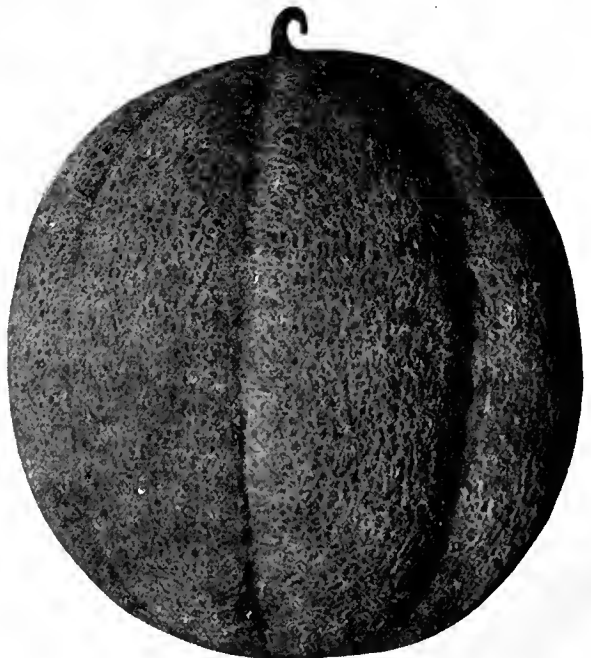
prolific, each vine setting from five to nine melons. The melons are remarkably uniform, and there are practically no fruits unfit for market. The rind, although thin, is unusually firm, and the flesh so solid that the fruits carry well to market. **There are no muskmelons (or cantaloupes) that are better shippers.** Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

OUTREMONT BEAUTY THE LARGEST OF ALL MUSKMELONS

This grand new green-fleshed melon, the seed of which we first brought from Canada in 1907, has proven a great success among growers of fancy melons, as it never fails to attract attention on account of its magnificent size and handsome appearance. New Jersey and Colorado grown cantaloupes seem like pigmies in comparison, and single specimens sell readily late in the season at from \$1.00 to \$2.00 each. It is a heavy yielder, the vines being literally loaded with melons weighing **from 15 to 25 pounds each**, which are excellent shippers owing to their densely netted skin. The flesh is very thick (the seed cavity being very small, giving but little seed) and delicious in flavor. If you are a market grower, you cannot afford not to try **"OUTREMONT BEAUTY MUSKMELON."** **SEED GROWN FROM ORIGINAL STOCK.** Price, pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

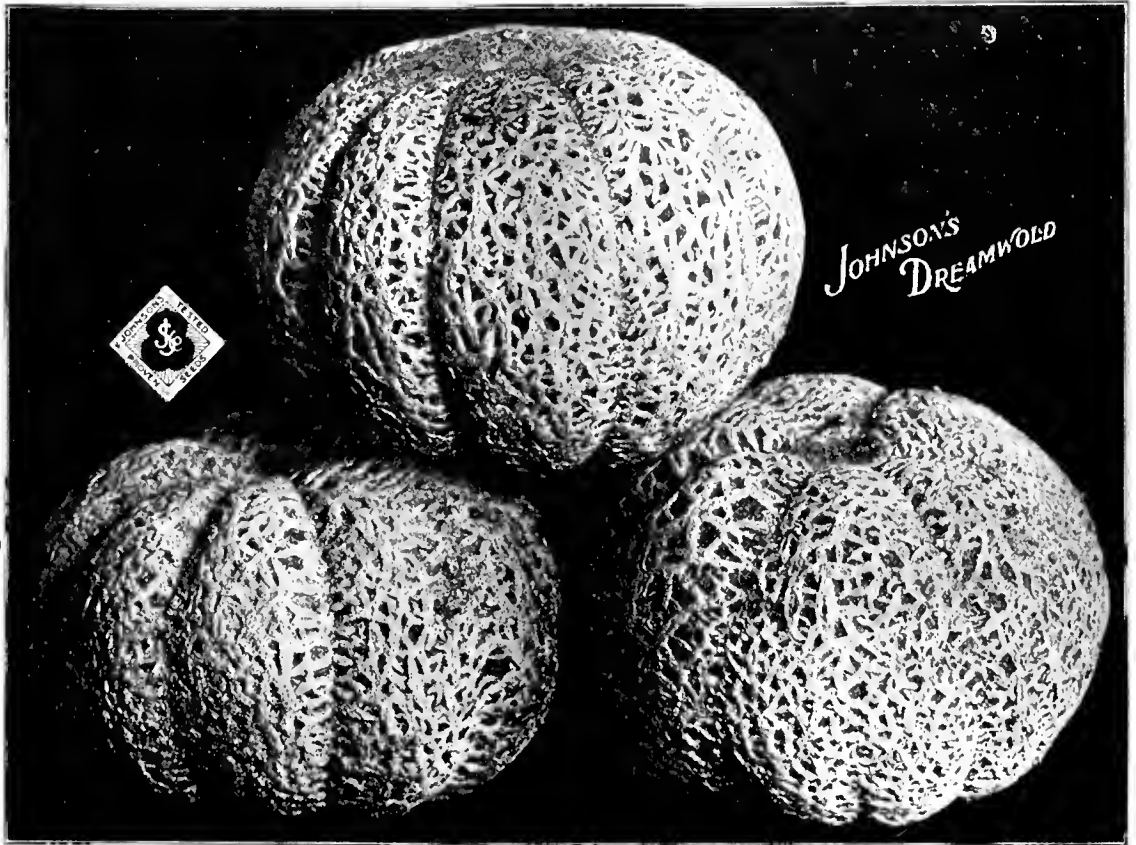
HOODOO MUSKMELON

This new salmon or orange-fleshed melon, bred by Mr. Paul Rose, the melon specialist, has been developed in highest perfection, and has all qualities requisite for an ideal shipping melon. The melons grow to medium size, round, heavily netted, flesh very thick, handsome appearance and of the sweetest flavor. Average weight of melon, $1\frac{1}{2}$ pounds. The seed cavity is small, rind is very tough, vine is a vigorous grower and a heavy cropper. A good medium-sized melon for both home and market. Seed direct from headquarters' stock. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



NEW HOODOO MUSKMELON.

SPECIAL.—The above three melons are probably the most valuable new sorts introduced for many years, and in order to induce all to give them a trial, we will mail one packet of each on receipt of only 20 cents.



JOHNSON'S DREAMWOLD—A "Find" in Muskmelons

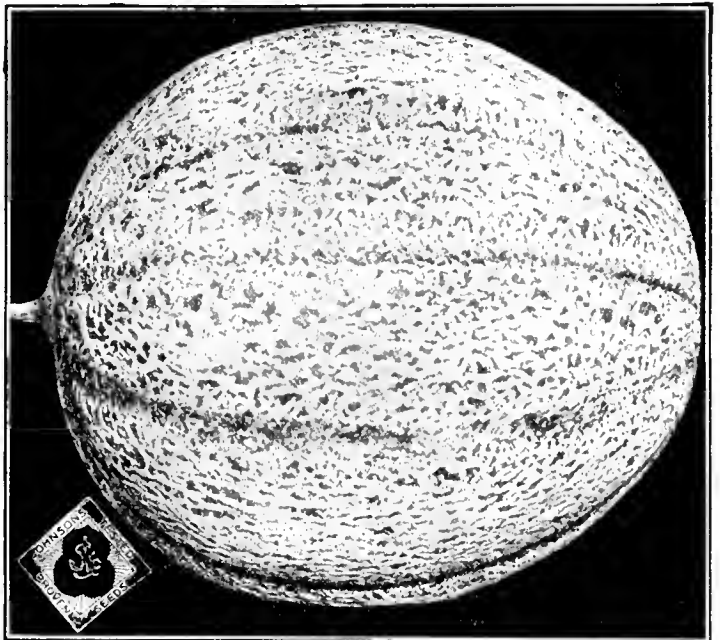
Of the type of our Improved Shippers' Delight, but more densely netted, free from any tendency to knob at the blossom end and ripens **two weeks earlier**. We first introduced and offered it for sale last season and received many voluntary testimonials telling of its worth. It is remarkably early, and the quality of its thick, green flesh is simply perfection, sweet and luscious beyond description. If you grow for market and want to be the first with fine melons, plant **Johnson's Dreamwold**, which means double prices can be realized on all you can grow. Price, per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

New Muskmelon

VAN BUSKIRK'S "NETTED ROCK"

An Improved Rocky Ford

A prominent Colorado grower has for several years been trying by careful hybridization and selection to produce a cantaloupe which would combine, with all the good qualities of "Rocky Ford," the **ability to resist the latter's great enemies—rust and blight**. In the "Netted Rock" we fully believe he has succeeded, and unhesitatingly recommend it as an **Improved Rocky Ford**. In addition to wonderful rust-resisting qualities, Netted Rock is an excellent shipper, having a tough, densely netted skin and thick, solid, brittle flesh. It is very uniform and of the handsome appearance shown in the photograph. Never mushy or poor, its flesh is deliciously sweet. You will be more than satisfied if you give it a trial. Price, per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.



VAN BUSKIRK'S NETTED ROCK.
The Rust and Blight-Resisting Cantaloupe.



Photograph of average specimens JOHNSON'S PHILADELPHIA YELLOW GLOBE DANVERS ONIONS, grown from our Pedigree Seed. Prices, choice new seed, crop 1908; pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40; 5 lbs. and over, \$2.25 per lb.

JOHNSON'S PHILADELPHIA YELLOW GLOBE DANVERS

Do Not Confound with the Ordinary Yellow Globe Danvers of Other Growers

This improved variety is pronounced by onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the **earliest** yellow globe variety, **large** in size, **uniformly perfect** in shape and the **largest cropper**, producing from seed 1,000 bushels to the acre with good cultivation. It is also the most reliable for bottoming, and one of the **best keepers** of all American onions. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40, postpaid; 5 lbs. and over, \$2.25 per lb.

JOHNSON'S New Long-Keeping PRIZETAKER ONION

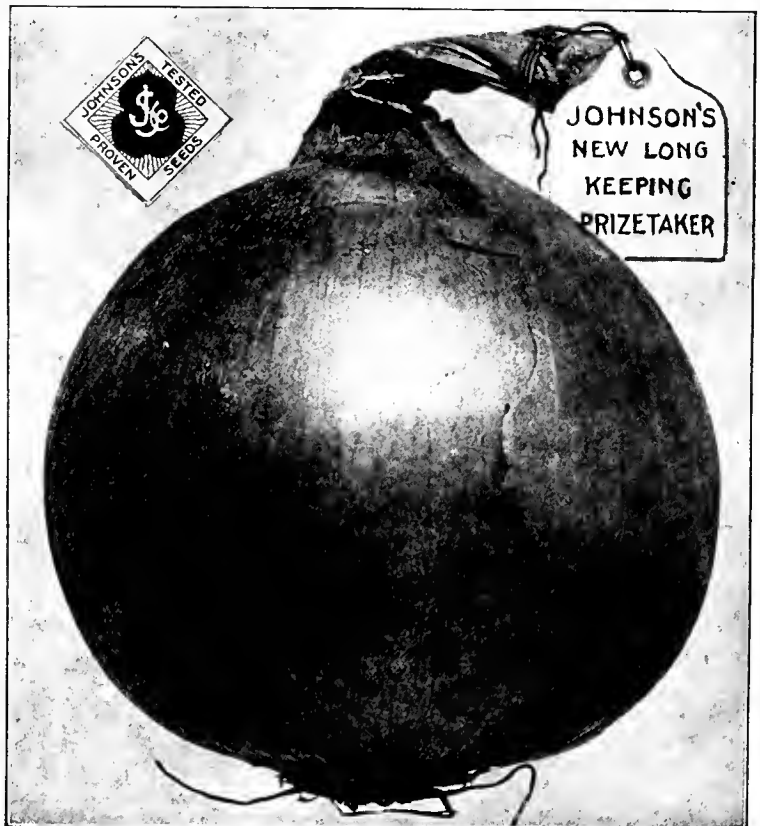
Since its introduction in 1888, the old Prizetaker Onion has grown in popularity, the only objection being its keeping qualities, which have not been up to the standard of many of the American varieties. For several years past, however, a prominent California onion grower has been making selections and breeding the old Prizetaker until he has obtained a strain which, in keeping quality, is fully equal to Danvers and the Southport Globes. The strain is by far the largest in size and handsomest in shape of all the Yellow Globe Onions. We own and control the entire crop of seed and bulbs of the originator. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75, postpaid; 5 lbs. and over, \$2.60 per lb., by express.

J. C. ROSS, Leamington, Ont., Canada, writes:—"Your new Long-Keeping Prizetaker Onion is superior to the old-fashioned Prizetaker. Some specimens weigh up to 1 $\frac{1}{2}$ pounds. In earliness, firmness and bright appearance it is ahead of the Danvers."

T. C. WILLIS, Bayard, Ohio, writes:—"This new onion is indeed a Long-Keeping Prizetaker. I grew the finest and largest onions I ever saw."

J. S. TYLER, Terre Haute, Ind., writes:—"Your new Long-Keeping Prizetaker Onion out-yielded all others and was more uniform in size and shape than any I ever raised."

J. W. HAMLIN, Hillsdale, Mich., writes:—"Your Long-Keeping Prizetaker is the finest of all the large sweet onions. Its growth is most rapid and uniform."





CARTER'S DAFFODIL. Largest podded, first early Pea.

New English Peas

SEED GROWN FOR US BY THE ORIGINATORS IN ENGLAND

CARTER'S DAFFODIL PEA

The name "Carter" has become a synonym for "fine peas," and in "Carter's Daffodil" we have a valuable addition to those originated by James Carter & Co., the well-known pea experts of Great Britain, and originators of the famous Telephone and Stratagem. It is a great advance on any other of the **Early Dwarf Large Podded Sorts**. Its height is 18 inches, of bushy habit, with pods filled to the ends with peas of rich deep green color and delicious quality. Price, pkt., 15c.; pint, 35c.; qt., 65c., postpaid; qt., 50c.; 4 qts., \$1.65; peck, \$3.00, by express.

BRITISH WONDER PEA

Another new first early pea from England, growing one and one-half feet high; a wonderful producer of long, handsome, well-filled pods. The peas are wrinkled, of exceptionally fine quality and excellent flavor. Price, pkt., 15c.; pint, 35c.; qt., 60c., by mail, postpaid; qt., 45c.; 4 qts., \$1.60; peck, \$2.75, by express.

SENATOR PEA

This is a grand new second early pea of fine quality. The vine is about 2½ feet in length and very productive. The pods are heavy, with 8 to 10 large, wrinkled marrow peas, which are marvels of sweetness. Senator will amply repay a trial. Pkt., 15c.; pint, 35c.; qt., 60c., postpaid; qt., 45c.; 4 qts., \$1.50; peck, \$2.50, by express.

CARTER'S DANBY STRATAGEM

A great improvement on the old Stratagem, originated and first sent out by James Carter & Co. More uniform and productive, pods larger and better filled with large, dark green peas of finest flavor. Superior for home table. Pkt., 10c.; pint, 30c.; qt., 55c., postpaid; qt., 40c.; peck, \$2.25; bush., \$8.50, by express.

JOHNSON'S RUBY GIANT

The Largest Mild Red Pepper

As a result of crossing Chinese Giant and Ruby King, we have a handsome new variety which combines the enormous size of the Chinese Giant and the graceful, elongated form of Ruby King, being longer than the former variety, larger round than the latter and much larger than either.

In color it is a bright clear red, and in flavor mild, delicious and sweet. The plant is vigorous in growth, stocky, well branched and prolific. Pkt., 15c.; ½ oz., 30c.; oz., 55c.; ¼ lb., \$1.50; lb., \$5.50.



PHOTOGRAPH OF AN AVERAGE SPECIMEN JOHNSON'S RUBY GIANT PEPPER.



Photo of a single plant of the DAINTY DUCHESS.

New English Pea "Dainty Duchess"

This new pea has been exhibited at the shows in England, and has always taken first prizes for its large, well-filled pods and wonderful productiveness. The peas are very large, borne eight to ten to a pod, and their delicious sweet flavor is unsurpassed by any other known pea. They are ready for picking ahead of either Improved Stratagem or Telephone, and while the vine grows only a little more than half the height of the latter, it will produce almost double the number of both pods and peas. Notwithstanding it was only first introduced into this country two years ago, it has already become one of our best-selling second early and main crop peas with both market and private gardeners. Last year we were obliged to return the money on many orders which came late in the season. Prices, pkt., 15c.; pint, 40c.; qt., 75c., by mail, postpaid; by express or freight (not prepaid), pint, 30c.; qt., 60c.; 4 qts., \$2.00; peck, \$3.50.

ABOUT LAWNS AND GRASS PLOTS

A good, green, velvety lawn or grass plot is the richest embellishment that a house or estate could possess. Once seeded with the best lawn grass seed that can be mixed ("Johnson's Fancy"), it is permanent for years to come, although an occasional reseedling is advisable, as it keeps the lawn in the best condition.

JOHNSON'S SUPERIOR LAWN GRASS SEED MIXTURES

The following are a few of our most prominent mixtures or formulas of grass seed, all extensively used, every one highly recommended. See page 62.

Sow 3 to 4 bushels per acre for new lawns; 2 to 2½ bushels in reseeding old lawns.

Johnson's "Fancy" Lawn Grass Seed.

Too well known to need description. We have a national reputation on this grass formula. The best Lawn Grass Seed that exists for general use. Thousands of bushels sold annually; weighs 22 lbs. per bushel, while most other mixtures on the market average about 14 lbs. A trial will convince you of its merits.

Prices: 20 cents per quart (qt. postpaid, 25c.); 2 quarts for 35 cents; 4 quarts for 65 cents; \$1.25 per peck; per bushel of 22 pounds, \$4.50; 5-bushel lots at \$4.25 per bushel; special prices quoted on larger quantities.

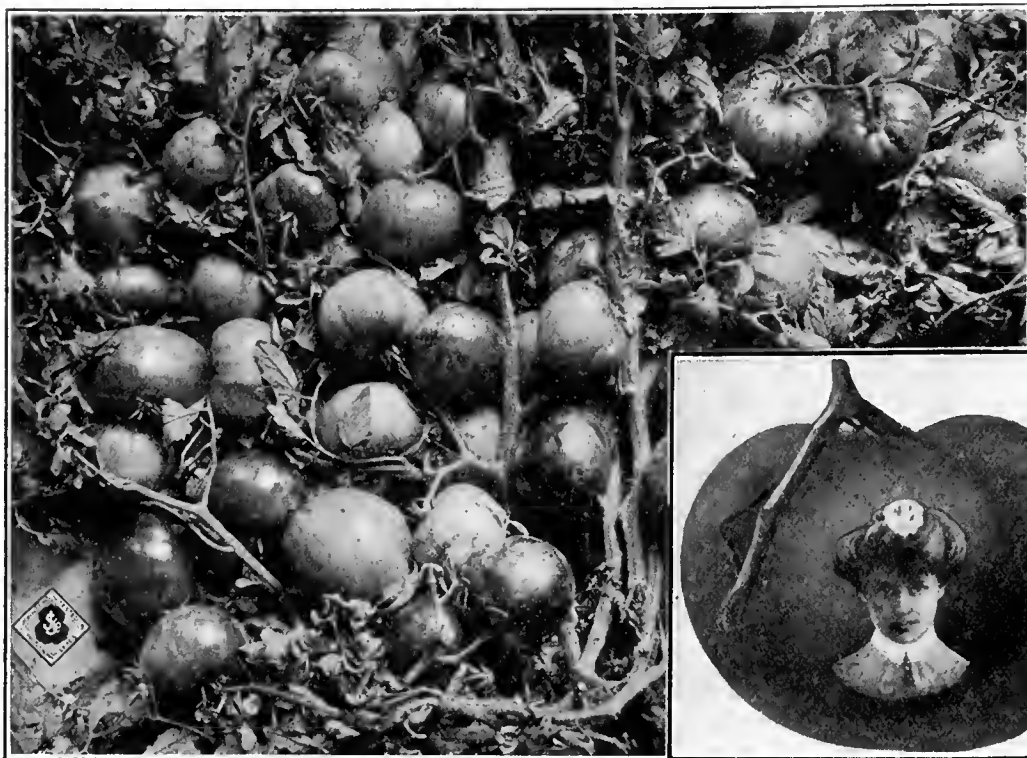
Johnson's Standard Evergreen Lawn Grass. A well-balanced combination of fine grasses. Very popular. Qt., 15c. (qt., postpaid, 20c.); peck, \$1.00; bush., \$4.00.

Johnson's Shadow Lawn Grass Seed. Prepared especially for shady places. Qt., 25c. (qt., postpaid, 30c.); peck, \$1.25; bush., \$4.50.

Johnson's Lawn-Restoring Grass Seed. Grows quickly on hard, burnt or worn-out places. Qt., 15c.; peck, \$1.00; bush., \$3.75.

Johnson's Seashore Formula Grass Seed Mixture. Thrives best in salt air regions. Qt., 20c.; peck, \$1.25; bush., \$4.75.

MIXTURES OF GRASSES TO ORDER OF ANY FORMULA FURNISHED. NO CHARGE FOR MIXING.



Photograph of a single plant of JOHNSON'S JACK ROSE, showing its wonderful productiveness.

JOHNSON'S JACK ROSE TOMATO

THE EARLIEST GOOD TOMATO IN EXISTENCE

Since the introduction of Sparks' Earliana Tomato by the writer in 1900, we have been looking for a tomato of equal quality that would eclipse it in earliness, which we realized was by no means an easy task. However, we now believe our efforts have been rewarded in "Johnson's Jack Rose," feeling sure we have found a variety possessing all the good qualities of Earliana with the advantage of being from a week to ten days earlier. The reports from our customers agree that our belief is well founded, for from all sections of the country we have received letters testifying that JACK ROSE is the "Earliest Yet."

JACK ROSE is of handsome appearance and color (resembling Earliana, but distinct from it), fully as large, more fleshy and solid. The vines are stocky and literally loaded with tomatoes, the later fruit being as heavy and perfect as the first. If you want an abundant supply of fine, solid, rich red, meaty tomatoes, that will be large and good until frost comes, try the **Jack Rose**. (Read the testimonials given below as to the merits of this fine new tomato.)

Price of Jack Rose Tomato: Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

WHAT A FEW TOMATO GROWERS SAY OF JACK ROSE

We have hundreds more of just such letters on file in our office

EARLIEST OF TWENTY VARIETIES

CHAS. W. MANN, Methuen, Mass., August 12, 1908, writes:—"Out of 20 kinds of early tomatoes, I find Johnson's Jack Rose to be the earliest and best of the lot. Send me some more of the same lot of seed I had last Spring, for which I enclose the money."

FINEST THE WHOLE SEASON

CHAS. F. ROHR, Naperville, Ill., August 24, 1908, writes:—"You can be proud of your introduction of Johnson's Jack Rose Tomato. I bought tomato seed from eight different seedsmen and Jack Rose proved by far the best and earliest. I started picking and marketing July 4th, all fruit ripened perfectly and was the finest on the market the whole season."

RIPENED AHEAD OF EARLIANA

W. L. NETTLESHIP, Fayetteville, Ark., writes:—"Your Jack Rose is the best early tomato I ever tried; it ripened sooner than the Earliana, larger and more productive."

MORE PRODUCTIVE THAN EARLIANA

ARTHUR RISCH, Box 27, Milwaukee, Wis., writes:—"Your Jack Rose is the earliest tomato I have ever grown. It is fully a week earlier than the original Earliana, and it is also more productive."

EARLIER THAN EARLIANA

WM. JOHNSON, Byberry, Pa., writes:—"Your Jack Rose Tomato grown by the side of Earliana was earlier, larger and smoother: similar in color to Earliana, but taller vines. Quality and solidity of both tested and the Jack Rose found superior."

A DANDY TOMATO

SAMUEL D. MILLER, Huntington, Md., writes:—"I had an extra abundant crop of tomatoes raised from your Jack Rose seed. This is certainly the earliest and a dandy tomato."

TEN DAYS EARLIER THAN OTHERS

ABRAHAM KARK, Linden Heights, Ohio, writes:—"We find your Jack Rose Tomatoes are ten days earlier than any other variety we have grown; they are also more solid and meaty. They have very few seeds."

EARLIEST HE EVER GREW

CHAS. N. LONON, Ferris, Texas, writes:—"Your Jack Rose Tomato is large, fleshy and uniform in shape and size; it has few seeds and is the earliest tomato I ever grew. I had ripe tomatoes two weeks before my neighbors. They are still bearing while other varieties have quit entirely."

Johnson's Giant Beauty—The Best Second Early Tomato

After repeated selection for several years, we offer for sale for the first time seed of the handsomest, largest, smoothest second early pink Tomato in cultivation. It will be found the most salable and profitable for market, owing to its handsome form and appearance and wonderful productiveness — beefy, meaty, thick, solid and almost seedless; a good shipper and has never been known to scald or blight. We distributed several thousand trial packets to our customers last season and, out of hundreds of letters and reports received not a single one has been unsatisfactory. Pkt., 25c.; 5 pkts. for \$1.00; oz., \$2.00; 2 ozs., \$3.50.

Owing to its shy seedling properties our supply of seed is very limited, and regret we cannot supply more than 2 ounces to any one customer.



Photograph of a cluster of JOHNSON'S NEW GIANT BEAUTY, the best second early pink tomato.

Johnson's Improved Strain No. 10 Sparks' Earliana

Sparks' Earliana Tomato, introduced in 1900, is too well known to need much description. It has proven one of the most successful vegetable novelties ever introduced, and its large, handsome, solid fruit is known in all sections of the United States.

This new strain, which we have named **Johnson's No. 10**, is fully one week earlier than the original type, and more vigorous in growth. It is the result of repeated selections and great care.

Sparks' Earliana Tomato was first discovered and named in 1899, by the writer of this catalogue, **Herbert W. Johnson**, who has since given his personal attention to its selection, growth and improvement. If you want the best seed obtainable of this famous variety, order **Johnson's No. 10** strain.

Price of **JOHNSON'S IMPROVED STRAIN No. 10 SPARKS' EARLIANA**: Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00. For price of original strain, see page 53.

What a Few of the Largest Market Growers Say of These Tomatoes

J. A. PERRIGO, Mt. Vernon, Mo., October 30, 1908, writes:—"Your New Seedling Tomato (Johnson's Giant Beauty) proved almost as early as Earliana, with the largest fruits I ever saw."

S. P. CARPENTER, Stony Creek, Ontario, Can., November 2, 1908, writes:—"Your new seedling tomato (Johnson's Giant Beauty) ripened as early as Earliana; larger in size and the heaviest cropper I ever saw."

DANIEL B. MOORE, Wolf Lake, Ills., Oct. 1, 1908, writes:—"Your New Seedling Tomato (Johnson's Giant Beauty) was thoroughly tested beside Trucker's Favorite and others, and is much better in every respect. Stands drought, does not sunburn and never cracks."

N. O. LENT, La Grangeville, N. Y., writes:—"The New Seedling Tomato (Giant Beauty) you sent me last Spring was very finest, large size, very smooth and a beautiful pink color, and the best of all in flavor."

"New Seedling Tomato (Johnson's Giant Beauty) you sent me for a trial proved to be the best I ever raised. Two weeks ahead of Livingston's Globe. Solid, smooth and very meaty. My customers said it was the best tomato they ever had and I could not supply the demand."—J. W. HAMLIN, Hillsdale, Mich.

"You get this order on account of Johnson's Improved Strain No. 10 Sparks' Earliana Tomato. We got it when you first introduced it, and found it to be the earliest and best for our country that we have ever tried."—C. J. COOPER, Van Alstyne, Texas.

"Your No. 10 Earliana Tomato beats anything in the tomato line that I ever saw. Not in 50 years growing tomatoes have I ever seen the like in yield, fine size and early ripening. The tomato is simply wonderful."—A. ENGLE, Detroit, Kansas.

JOHNSON'S NEW LEAFLET-ESSAYS ON IMPORTANT VEGETABLES, ETC., SENT FREE

Nine instructive new Leaflet-Essays for 1909, making twenty in all. Any or all of these are free when asked for with Seed or Poultry Supply orders.

- No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
- No. 2. **BEANS AND PEAS.** How to Grow. New Leaflet.
- No. 3. **BEETS.** Garden, Mangel and Sugar Beets for Stock Feeding.
- No. 4. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
- No. 5. **CAULIFLOWER.** How to Grow Successfully in the Home Garden.
- No. 6. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
- No. 7. **CUCUMBER AND EGG PLANT.** How to Grow to Perfection, even on a few square yards of soil. A new and important Leaflet.
- No. 8. **HORSE RADISH AND RHUBARB.** The Money-Making Crops.
- No. 9. **MELONS.** Musk or Cantaloupe and Watermelons. Cultivation, Manuring, Insect Enemies.
- No. 10. **MUSHROOMS.** How to Prepare Bed, Planting Spawn, Temperature and Marketing.
- No. 11. **ONIONS.** Preparing the Soil, Fertilizers, Planting Seeds and Sets, Cultivating, Harvesting, Storage, Marketing, etc., of this Popular Crop.
- No. 12. **SWEET POTATOES.** Growing Sprouts, Setting Out, Cultivating, Harvesting, Storing, etc.
- No. 13. **TOMATO CULTURE.** How to Grow and Market. New Leaflet.
- No. 14. **FLOWER CULTURE FROM SEED.** To Successfully Grow Sweet Peas, Nasturtiums, Pansies and other Popular Flowers. Complete Cultural Directions.
- No. 15. **SASHES AND BEDDING PLANTS.** Treating Principally on Hot Beds and Cold Frames.
- No. 16. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
- No. 17. **HINTS ON LAWN-MAKING AND GRASS SEED MIXTURES** for Lawns, Golf Grounds, Permanent Pasture and Mowing.
- No. 18. **WINTER EGG PRODUCTION.** How to Increase it by Breeding, Feeding and Housing.
- No. 19. **POULTRY DISEASES, SYMPTOMS AND REMEDIES.**
- No. 20. **THINGS WORTH KNOWING.** Invaluable to Everyone Who Keeps a Chicken.

In asking for these essays, it is only necessary to give the number of the essay wanted. They are not for sale and cannot be sent unless seed or roots of the kind on which they treat are included in the order, except Nos. 15 and 16, which will be sent, when requested, with any order of 50 cents or over.

Poultry Essays sent free with any Poultry Supply order

BOOKS FOR THE FARM, GARDEN AND POULTRY YARD

Standard works by acknowledged authorities. Postpaid on receipt of price. If included in a seed order, we allow a discount of 10 per cent. from publishers' prices here quoted

ON FARM AND GARDEN TOPICS

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| How Crops Feed. A treatise on the atmosphere and soil as related to the nutrition of Plants. Johnson. | 2 00 |
| Gardening for Pleasure. Henderson | 2 00 |
| Farm Gardening, or Quick Cash Crops and How to Grow Them. Tells how and what to grow, how to fertilize and how to treat insect enemies, etc. Illustrated. Bound in cloth | 50 |
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| How to Destroy Insects on Plants and Flowers. | 25 |
| Spraying Crops. Why, when and how. Comprehensive and clear. C. M. Weed | 50 |
| Asparagus. How to cultivate, fertilize and market. By F. M. Hexamer | 50 |
| Biggie Berry Book. The very latest treatise on small fruits. Illustrated by colored plates | 50 |
| Mushrooms. Practical and plain. W. Falconer | 1 00 |

ON POULTRY AND LIVE STOCK

The well-known "BIGGIE BOOKS," up-to-date and modern. Finely illustrated in colors; on Poultry, Swine, The Cow, The Horse, and Pets, each 50c.

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| Low-Cost Poultry Houses. Illustrated | 25 |
| 500 Questions and Answers on Poultry Topics | 25 |
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| American Standard of Perfection | 1 50 |
| Duck Culture. Rankin | 50 |
| An Egg Farm, or the Management of Poultry in Large Numbers. H. H. Stoddard | 1 00 |
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SEND FOR IT MAILED FREE IF INTERESTED IN POULTRY, PIGEONS OR BEES JOHNSON'S POULTRY SUPPLY CATALOGUE

IS FULL OF UP-TO-DATE SUGGESTIONS

WE CARRY THE LARGEST LINE OF

Poultry, Dairy and Bee Supplies
IN THE EAST

The Johnson Quality Standards

If you are undecided or at a loss to know what varieties to plant, **order from this list** and you will not be disappointed. It is a **list of tried and tested varieties** which our thirty-six years' experience and the reports of thousands of our customers prove to be the **best for the average all-round Family Garden**. All are described in this catalogue on pages referred to.

- BEANS.** Johnson's Giant Green Pod Stringless Valentine. Page 21. Pkt., 10c.; pint, 25c., postpaid; by express, qt., 25c.; peck, \$1.35.
- BEANS.** Improved Rust-Proof Golden Wax. Page 21. Pkt., 10c.; pint, 25c., postpaid; by express, qt., 30c.; peck, \$1.60.
- BEANS.** Lima. Ford's Mammoth Podded Pole. Page 23. Pkt., 10c.; pint, 30c., postpaid; by express, qt., 40c.; 2 qts., 70c.; peck, \$2.00.
- BEETS, Extra Early.** Crosby's Improved Egyptian. Page 24. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- BEETS.** Main Crop. Lanier's Superba. Page 24. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- CABBAGE.** Johnson's Very Earliest. Page 26. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
- “ for Second Early and Summer. Johnson's Market Gardener's No. 2. Page 27. Pkt., 15c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.25.
- CABBAGE for Late or Winter.** Johnson's Matchless Late Flat Dutch. Page 28. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.
- CARROT for Early and Late.** Rubicon. Page 29. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- CELERY, Early.** Johnson's XXX Paris Golden Self-Blanching. Page 30. Pkt., 15c.; oz., 50c.
- “ Late or Winter. Johnson's Manhattan. Page 8. Pkt., 20c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.35.
- CORN, Sweet, Early.** White Mexican. Page 32. Pkt., 10c.; pint, 20c., postpaid; by express, qt., 20c.
- “ Sweet, Late. Country Gentleman. Page 32. Pkt., 10c.; pint, 25c., postpaid; by express, qt., 30c.; 4 qts., \$1.00.
- CUCUMBER.** Johnson's Improved Arlington. Page 33. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.40.
- LETTUCE, Head.** New Mammoth Salamander. Page 37. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.60.
- “ Curled Leaved. New Morse. Page 37. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.
- MUSKMELON, First Early.** Johnson's Dreamwold. Page 12. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.
- “ Second Early. Anne Arundel. Page 38. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.
- WATERMELON.** Johnson's Dixie. (Extra selected stock.) Page 39. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.
- ONION.** Philadelphia Yellow Globe Danvers. Page 13. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40.
- “ Minnesota Globe Wethersfield Red. Page 42. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.
- PARSLEY.** Market Gardener's Best. Page 46. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- PARSNIP.** Ideal Hollow Crown. Page 46. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.
- PEAS, First Early.** Johnson's Record Extra Early. Page 44. Pkt., 10c.; pint, 25c.; qt., 40c., by mail, postpaid; by express or freight, qt., 25c.; peck, \$1.75; bush., \$6.50.
- PEAS, Medium.** Thomas Laxton. Page 45. Pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; by freight or express, qt., 40c.; peck, \$2.00; bush., \$7.75.
- PEAS, Late.** Carter's Danby Stratagem. Pages 14 and 45. Pkt., 10c.; pint, 30c.; qt., 55c., by mail, postage paid; by express or freight, qt., 40c.; peck, \$2.25; bush., \$8.50.
- PEPPER.** Ruby King. Page 46. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.
- RADISH, Earliest.** Scarlet or Cardinal Globe. Page 49. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.
- “ Summer. Long Chartier. Page 49. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- “ Winter. Improved Half-Long Black Spanish. Page 50. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.
- SPINACH.** New Parisian Long-Standing. Page 50. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.
- SQUASH, Summer.** New Extra Early Jersey White Bush. Page 51. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.
- “ Winter. Hubbard. Page 51. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- TOMATO.** Earliest. Johnson's Jack Rose. Pages 16 and 52. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25.
- “ Main Crop. Stone (Extra selected seed.) Page 52. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.
- TURNIP.** Mammoth Purple Top Globe. Page 54. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

THE ABOVE 36 VARIETIES ARE THE JOHNSON STANDARDS

A SPECIAL OFFER

They will produce the very finest of vegetables in succession the whole season through, giving a complete family vegetable garden. At regular catalogue prices one packet of each of the 36 Standards would cost \$3.10. We will, however, mail the entire collection, all postage paid, on receipt of only \$1.50. As we have these special

packet collections already packed in advance, we cannot make any changes in them at this low price.

Johnson's Vegetable Seeds

*The Best Seeds that Grow, and a
List of Varieties it Pays to Grow*



SPECIALTIES AND STANDARDS

In the interest of our customers we have endeavored to list in the following pages the cream of all varieties known, weeding out many that are still advertised by other seedsmen. We take great pains each season to inform ourselves fully, by actual tests, as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our MANUAL, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. Some of the older varieties have been left out on account of their being very similar or inferior to some of the newer sorts. Any variety which has appeared in former catalogues, although not here listed, can be furnished. It is our constant aim thus to accommodate, gain and hold the confidence of all customers.

Asparagus

Asparagus is one of the earliest spring vegetables. No vegetable on our list can be produced so cheaply and easily. Directions for planting and culture will be found in our new **LEAFLET-ESSAYS**, sent free on request. A bed 12 x 40 feet, requiring 100 roots, will supply an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

NEW EARLY FRENCH GIANT ASPARAGUS

This new sort is the earliest, largest and most prolific, being a great improvement on the popular Palmetto or French Argenteuil Asparagus, which was first brought to this country by Mr. John Nix, the largest asparagus grower of South Carolina. The roots were imported from Mr. Louis Lérault de Argenteuil, of France, and we have improved the original strain season by season, so that it is much superior to the first importation, and thoroughly acclimated to our northern climate. It is not only ten days earlier than Palmetto, but of larger size and superior in flavor and color.

Prices of Seed: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c. **Good, Strong One-year-old Roots**, 50 for 60c.; 100 for \$1.00, by mail, postage paid; by express or freight, 85c. per 100; \$5.75 per 1,000. **Two-year-old Roots**, \$1.00 per 100; \$6.00 per 1,000, by freight or express (500 roots at 1,000 rate).

DONALD'S ELMIRA ASPARAGUS

The delicate green color is notably different from either the famous Barr's Mammoth or Palmetto, while the stalks are more tender and succulent. Owing to the large size, it requires much less labor in cutting and bunching, thus lessening the expense of marketing. **Price of Seed:** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c. **Strong Roots**, 1 year old, 70c. per 100; (by mail, postpaid, 50 for 50c.; 90c. per 100); \$5.50 per 1,000; 2 years old, 75c. per 100; \$5.75 per 1,000, by freight or express (500 roots at 1,000 rate).

BARR'S MAMMOTH

In Philadelphia is much sought after, and sells at top-notch prices on account of its large size and fine appearance. **Seed:** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c. **Good, Strong Roots**, 1 year old, 65c. per 100 (by mail, postpaid, 50 for 50c.; 85c. per 100); \$4.25 per 1,000; 2 years old, 70c.

per 100; \$4.75 per 1,000 (500 roots at 1,000 rate).

PALMETTO ASPARAGUS

Extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. **Seed and Roots**, same prices as Barr's Mammoth.

CONOVER'S COLOSSAL ASPARAGUS

A well-known old standard variety. **Prices of Seed:** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 45c. **Splendid Strong Roots**, 1 year old, 50c. per 100 (by mail, postpaid, 70c. per 100); \$4.00 per 1,000; 2 years old, 60c. per 100; \$4.50 per 1,000.



TWO-YEAR-OLD ASPARAGUS ROOT.

Three Valuable New Beans=From a Photograph

JOHNSON'S NEW GIANT STRINGLESS
VALENTINE

NEW MICHIGAN WHITE WAX

NEW HODSON WAX BUSH

Johnson's Giant Stringless Green Pod Valentine Bean

This valuable new variety will be found earlier, more prolific and with pods one-third larger than the old Valentine. A great improvement. Pkt., 10c.; pint, 25c.; qt., 40c., by mail, postpaid; qt., 25c.; peck, \$1.50; bush., \$5.75, by express or freight.

NEW MICHIGAN WHITE WAX BEAN—A Valuable Novelty

A new white-seeded Golden Wax, being exceptionally vigorous, hardy and productive; very attractive in appearance and unsurpassed in quality, with the added advantage of being white-seeded. The best Wax Bean that has yet been introduced. Pkt., 10c.; pint, 35c.; qt., 60c., postpaid; qt., 45c.; peck, \$3.25; bush., \$12.00, by freight or express.

NEW HODSON WAX POD BUSH BEAN

A very vigorous grower; productive; large pods free from rust or blight, and when picked young entirely stringless. Very showy and fine for market. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; qt., 25c.; peck, \$1.60; bush., \$6.00, by freight or express.

BEANS—Green Podded—Dwarf or Bush

One quart will plant 100 feet of drill, two bushels will plant an acre in drills

Large, full-sized packets of any variety of Beans, 10c. each

Half pecks and half bushels supplied at peck and bushel rates

Refugee, or Thousand to One. Medium early, hardy, productive, New Extra Early Refugee. Two weeks earlier than the old Refugee, Improved Round Pod Red Speckled Valentine. Finest strain... Stringless Green Pod. Extra early and of very fine quality.... Black Valentine. (Crop short.) Long, round, solid pod, black seed Longfellow. Long, straight, round, solid, green pods, very early... Hodson Green Pod. Superior new sort. Wonderfully productive,

BEANS—Wax Podded—Dwarf or Bush

Currie's Rust-Proof Black Wax. Very early, flat pods. Good shipper and seller; most showy for market; fair quality..... New Round Pod Kidney Wax. Superior. One of the best round-podded wax beans in cultivation; entirely stringless..... Golden Wax. The well-known old sort; popular for market.... Grennell's Improved Rust-Proof Golden Wax. Very superior... Wardwell's Kidney Wax. Very popular, long, broad, flat pods... Davis Kidney Wax. A white-seeded bean. Long, oval pods.... Dwarf German Black Wax, or Butter. Well-known old sort.... New Prolific German, or Cylinder Wax. Very early and prolific, Keeney's Pencil Pod Black Wax. Round, full and stringless.... Golden-Eyed Wax. Early, hardy and prolific; popular market sort,

By Mail, Postpaid. By Express or Freight.

Pint.	Qt.	Qt.	Peck.	Bush.
\$0 25	\$0 40	\$0 25	\$1 25	\$4 50
25	40	25	1 25	4 50
25	40	25	1 25	4 50
30	50	35	2 00	7 00
30	50	35		
20	35	20	1 15	4 25
25	40	25	1 35	5 00
25	40	25	1 50	5 50
25	45	30	1 75	6 75
25	40	25	1 50	5 50
25	45	30	1 60	6 00
25	45	30	1 50	5 75
25	40	25	1 50	5 75
25	40	25	1 50	5 50
25	40	25	1 50	5 75
25	40	25	1 50	5 75
25	40	25	1 35	5 00



Photograph of a plant of the new FORDHOOK BUSH LIMA.

Two New Creations

See Novelties, page 5.

NEW FORD-HOOK BUSH LIMA BEAN.

The only stiffly erect form of the Potato Lima. Pkt., 15c.; $\frac{1}{2}$ pint, 25c.; pint, 45c., postpaid; by freight or express, pint, 35c.; qt., 60c.; 4 qts., \$2.00; peck, \$3.50; bush., \$12.50.

THE BURPEE IMPROVED BUSH LIMA.

A great improvement. Pkt., 15c.; $\frac{1}{2}$ pint, 35c.; pint,

60c., postpaid; pint, 50c.; qt., 85c.; 4 qts., \$2.75; peck, \$5.00, by express

BEANS—Dwarf or Bush Lima

We supply packets of all Beans at 10c. each, postpaid.
Half pecks and half bushels supplied at peck and bushel rates.

- Dreer's, or Kumerle Bush Lima.** Possesses all the good qualities of the Dreer's Pole Lima and possessing its fine flavor and good qualities, producing 50 to 60 pods on a bush.....
- Burpee's Bush Lima.** The most popular dwarf Lima, large flat beans, growing vigorously to a height of about 20 inches.....
- New Wonder Bush Lima.** Earlier, dwarfier and more prolific than the old Burpee's Bush Lima, also hardier.....
- Henderson's Bush Lima.** Small white beans, very productive....

BEANS—White Shelling Varieties

- Day's Leafless Medium.** Vine stands up well, grows abundant foliage, and previous to ripening, the leaves fall off, so that pod is exposed to the sun, so they ripen evenly. Matures in eighty days.....
- Burlingame Mediums.** The leading field bean in New York....
- White Navy, or Pea Bean.** A productive standard sort.....
- Royal Dwarf, or White Kidney.** Very productive, fine for baking,
- White Marrowfat.** Well known; extensively grown for winter..

BEANS—Pole or Running

- New Golden Andalusia Wax.** Most productive and profitable of all the pole wax varieties; pods, 5 to 6 inches long; broad, fleshy and stringless, surpassing all others in quality (crop failed).
- Early Golden Cluster Wax.** Early, large, flat, fleshy yellow pods,
- Johnson's Green Pod Stringless Pole** (white seed). The best early large podded productive Bean. See Novelties, page 4...
- Lazy Wife's.** Green Podded Snap Short Pole Bean, produced in large clusters; pods broad, thick, fleshy and stringless.....
- White Crease Back, or Fat Horse.** One of the earliest Round Pod,
- Improved Kentucky Wonder, or Old Homestead.** Very long, round, straight pods; early, entirely stringless, very productive,
- Southern Prolific.** Continuous bearer, giving snap shorts in 80 days,

By Mail, Postpaid.		By Express or Freight.			
Pint.	Qt.	Qt.	Peck.	Bush.	
\$0 30	\$0 50	\$0 35	\$2 00	\$7 50	
30	50	35	2 25	8 00	
30	50	35	2 25	8 00	
25	45	30	2 00	7 00	
20	35	20	1 10	4 00	
20	35	20	1 10	4 00	
20	35	20	1 00	3 50	
20	35	20	1 00	3 75	
20	35	20	1 00	3 50	
35	65	50			
35	65	50			
30	50	35	2 50		
30	50	35	1 85	7 00	
30	50	35	1 85	7 00	
30	50	35	1 75	6 50	

Crops of many sorts of beans and peas are very short. Large buyers should write for special prices when several bushels are wanted, as stocks of many sorts will be exhausted early in the season.

New Jersey Grown Pole Lima Beans

WHY THEY ARE THE BEST

For nearly half a century Southern New Jersey has had the reputation, and deservedly so, of growing the finest Lima Beans in the United States, the product being eagerly sought after by Boston, New York, Philadelphia and other Eastern cities, for both seed and consumption. For some years past, however, many seedsmen have been growing their supplies in Southern California, where they are grown very cheaply and without poles. We have made hundreds of tests of various Limas from California seed, and find the product much inferior in both quality and productiveness to those grown in New Jersey. It is also difficult to get them to take the poles, owing to the method by which they are grown, while the beans are smaller and lack the rich, buttery flavor peculiar to the New Jersey Limas.

Shotwell's Improved Thick Pole Lima Bean

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved Pole Lima or any other bean of its class in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it in past seasons, and we regret we have not room here to publish the many strong recommendations received from them. Pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by freight or express, qt., 40c.; 2 qts., 70c.; peck, \$2.25; bush., \$8.50.

Ford's Mammoth Podded Pole Lima Bean

This Lima Bean is the result of over twenty years' selection by the late Jas. Ford, who was one of the oldest market gardeners around Philadelphia. The pods grow to an average length of 8 inches, are produced in great clusters, with from five to seven beans per pod, of most excellent quality for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is, without exception, the **largest podded, finest flavored and most productive of all Lima Beans.** Pkt., 10c.; pint, 30c.; qt., 55c., postpaid; pint, 20c.; qt., 40c.; 2 qts., 70c.; peck, \$2.00; bush., \$7.50, by freight or express.

THE CREAM OF THE POLE LIMAS

Twenty quarts of Pole Limas are required to plant an acre in hills 4 x 4 feet. We send **Large Packets of any variety at 10c. each** by mail, postage paid. Half peck and half bushel at peck and bushel rates.

Large White Lima (extra size). New Jersey grown seed, very productive. Our strain is superior to most others
King of the Garden. Large, fine pods, productive, beans good size, Henderson's Early Leviathan. Very fine. See Novelties, page 5.
Pedrick's Large Cluster Lima (Novelty 1908). Deep green, 12 to 13 pods to cluster, 5 to 6 beans to pod. A wonderful producer,
Salem Improved Evergreen Lima. Large beans of finest quality,
Selbert's Early Lima. The earliest large Pole Lima, easily shelled,
Dreer's Improved, or Challenger Lima. Thick beans of fine quality, remaining green in pod a long time
Jersey Extra Early Lima. Large, early and productive



By Mail, Postpaid.		By Express or Freight.		
Pint.	Qt.	Qt.	Peck.	Bush.
\$0 25	\$0 45	\$0 30	\$1 75	\$6 50
25	45	30	1 75	6 75
30	50	35	2 00	7 50
35	60	45	2 50	9 00
35	60	45	2 25	8 25
30	50	35	1 85	7 00
30	50	35	1 85	7 00
30	50	35	1 85	7 00



CROSBY'S IMPROVED EGYPTIAN, the earliest beet.

CROSBY'S IMPROVED EGYPTIAN BEET

This is our leading extra early beet for market gardeners' use; equally good for the home table. It is earlier than the old Extra Early Egyptian, larger in size, smooth, and of the form as shown in our photographic illustration above. It retains its superior quality and does not become woody and tasteless like the old Egyptian when allowed to stand too long. It may be sown outside as late as July. This beet was originated from the Extra Early Egyptian by Mr. Crosby and is a very shy seeder. Our stock is grown from stock seed selected by the originator, and is superior in every way. Price, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, by mail, postage paid; by express, lb., 90c.; 5 lbs. and over, 85c. per lb.



LANIER'S SUPERBA, most perfect beet in existence.

LANIER'S SUPERBA BEET


For more than fifty years and until his death, our old friend, William Lanier, one of the oldest and best-known market gardeners near Philadelphia, supplied the early and late markets with the handsomest and most salable beets that could be had, and Lanier's Beets, as they were called, became much sought after by the best commission merchants of New York, Boston and Philadelphia. During all these years Mr. Lanier selected with a critical eye the most perfect beets from each crop for seed stock to plant for his own use. The photograph gives an idea of its beautiful bell shape, between a turnip and a half-long beet. A strong, vigorous grower, producing marketable beets very early, of a dark carmine color and very tender. Price, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

GARDEN BEETS—A Select List of the Best

One ounce of seed will sow sixty feet of drill, five pounds will sow an acre in drills

All varieties in regular large-sized packets, at 5c. per packet.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Extra Early Egyptian Blood Turnip. A standard early sort with small top . .	\$0 10	\$0 20	\$0 60
Ruby Dulcet. Fine globe shape, blood-red, small top, finest quality	10	30	1 00
Johnson's Surprise. Extra early, small top, splendid shape and color	10	25	90
Improved Eclipse. A fine round beet of first quality; very early, greatly improved, New Meteor. Fine round shape, skin dark blood-red, flesh red, very sweet . .	10	20	70
Crimson Globe. Round, smooth, deep purplish crimson, very sweet	10	25	80
Lentz Extra Early Blood Turnip. Popular market sort, very showy, fine quality, Bastian's Early Blood Turnip. Very popular, small top, flesh zoned, very sweet, Early Bassano. Quite early, very sweet, light-colored flesh, fine form	10	20	75
Detroit Dark Red Turnip. Of fine dark color and form; splendid for market . .	10	20	60
Dark Stinson. Very popular with Philadelphia gardeners; good for winter use .	10	20	60
Edmonds' Early Red Turnip. Fine medium early, deep red, very uniform . . .	10	30	1 00
Bastian's Half-Long Blood. One of the most popular winter keepers	10	20	70
Long Smooth Blood Red. An excellent, large, very late sort, fine keeper . . .	10	20	65
Swiss Chard, or Silver. Cultivated for leaves, which are used as greens	10	20	55
	10	20	60

 **MARKET GARDENERS, FARMERS' CLUBS AND INSTITUTIONS** wanting to purchase seeds in large quantities should write for special prices. Although we have made prices very low in this catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities wanted, and we will return promptly with our **LOWEST COST PRICE**. As many crops, such as beets, beans, cucumbers, melons, peas, squashes and other vine seeds, have been extremely short the past season, early orders and inquiries are advisable. Letters will reach us if addressed simply **JOHNSON'S SEEDS, PHILADELPHIA**.

MANGEL-WURZEL AND SUGAR CATTLE BEETS

**CHIRK CASTLE MANGEL-WURZEL BEET**

Remarkable for its handsome, thick, uniform shape and very broad shoulders, its diameter being greater and its weight much heavier than Mammoth Long Red, as shown in our photograph above. Flesh is deep red, containing less water and more sugar than any other Mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. It was originated in Scotland, where it has been known to produce 60 tons to the acre. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid; by freight or express, lb., 40c.; 5 lbs. (enough for one acre), \$1.85; 10 lbs. and over at 35c. per lb.

WE WILL PAY \$25.00 CASH

For the heaviest Chirk Castle or Taber's Gate Post Mangel grown in 1909 from our Seeds. \$15.00 for heaviest; \$10.00 for second heaviest. Reports of weights to be sent by mail by October 15th. We will then order the largest specimens sent in for exhibition.

TABER'S GATE-POST**The Largest and Best Yellow Mangel**

Originated by Mr. Taber, the prominent English seed grower. Since its introduction in England and in this country, a few years since, has rapidly popularized itself, and is pronounced by leading farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2,000 to 2,500 bushels to the acre. Our seed of this now famous sort is grown for us by the originator in England. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c., postpaid; by freight or express, lb., 45c.; 5 lbs. for \$2.00; 10 lbs. or more, 35c. per lb.



All varieties in regular large-sized packets, at 5c. per packet.

If ordered in 5-lb. lots, 5c. per lb. may be deducted.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Mammoth Long Red Mangel. Sometimes called Jumbo , Norbiban Giant , and Colossal . The old variety, extensively grown for stock feeding	\$0 10	\$0 15	\$0 30
Golden Giant Intermediate (Yellow Leviathan Mangel). Grows more than half above ground; flesh white, firm, sweet, very popular	10	15	35
Champion Yellow Orange, or Globe. Heavy cropper; succeeds on light land . .	10	15	35
Golden Tankard Mangel. Broader than Mammoth Long Red; hardy and early.	10	15	35
Giant Half Sugar Rose. A cross of the Mammoth Red Mangel and Improved Sugar Beet, containing more sugar than other Mangels; large and smooth . .	10	15	35
Lane's Improved Imperial. An improvement on the French Sugar Beet. Hardier, more productive, yielding thirty-five to forty tons per acre	10	15	35
Red Top White Sugar Beet. The old variety, largely grown for stock feeding,	10	15	35

High-Bred American Grown Cabbage Seed

To gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risk in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities.



JOHNSON'S VERY EARLIEST CABBAGE. 10 days earlier than Early Jersey Wakefield.

JOHNSON'S VERY EARLIEST CABBAGE

The Earliest and
Hardest Heading of All First
Early Cabbages

For over 20 years has this splendid cabbage been one of our leading specialties. It has steadily grown in favor and is to-day the standby of many of our best friends. No words of praise can be written that would recommend this most desirable cabbage too highly. It is ten days earlier than Early Jersey Wakefield, and is unsurpassed in fine quality, great beauty and vigor of growth. With it you can com-

mand the early market in your neighborhood. The heads are slightly conical, large, solid and remarkably uniform. Price, pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; 2 lbs., \$6.50; 5 lbs. and over, at \$3.00 per lb.

Johnson's Extra Selected Early Jersey Wakefield Cabbage

While this sort is not so early as Johnson's Very Earliest, it will be found to be the very best conical headed sort to come in immediately after it. It heads up remarkably hard and solid, with but few outside leaves, which are unusually thick and heavy, enabling it to stand cold weather without injury when carried through the winter either in the open ground in the South or in cold frames in the North. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

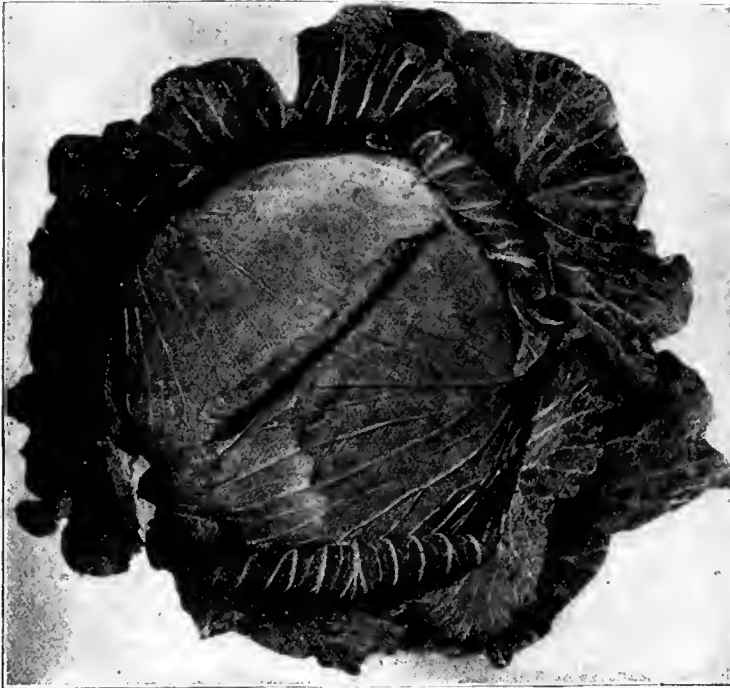
An Ideal List of Early and Summer CABBAGES

JOHNSON'S STANDARD STRAINS

	American Grown Seed.		
	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Large packets of the following varieties, 10c. each.			
Johnson's Quick Cash. Earliest and hardest flat-headed cabbage. A perfect wonder in earliness and fine quality. Heads firmly at an early stage of growth. Pkt., 15c.	\$0 35	\$1 00	\$3 50
Earliest Etampes. An extra early small French sort, with pointed heads	20	50	1 65
Early Spring. A round, flat-headed cabbage, as early as Jersey Wakefield	20	60	2 25
Charleston, or Large Wakefield. About a week later than Jersey Wakefield	25	70	2 50
Early Danish Round Head. Earlier than Danish Ball Head; of the short-stemmed type, wonderfully solid, hard, crisp and tender	25	70	2 50
Early Winnigstadt. (Grown from Prussian Prize Stock.) Those intending to plant this variety will find our strain superior in earliness, size and solidity	20	45	1 50
All Head Early. A flat head, coming in with Early Summer; much larger	20	60	2 25
Early Flat Dutch. We offer a remarkably fine strain; a sure, solid header	20	45	1 65
Henderson's Early Summer. A most popular and superior second early sort	20	45	1 65
All Seasons (Vandergraw). One of the finest, growing to a large size quickly	20	50	1 75
Henderson's Succession. An excellent second early; on style of All Seasons	20	55	2 00
Louisville Early Drumhead. Dark, bluish-green color; popular in the Southwest,	20	50	1 75
Fottler's Improved Flat Brunswick. Large, solid heads; fine for early or late,	20	50	1 75

Johnson's Market Gardeners' No. 2 Cabbage

A FLAT-HEADED CABBAGE, COMING IN WITH WAKEFIELD AND PRODUCING DOUBLE THE CROP OF ANY OTHER EXTRA EARLY



JOHNSON'S MARKET GARDENERS' NO. 2 CABBAGE.

In this, the most perfect and uniform cabbage in existence, we have also the **earliest and most compact of all large cabbages**. It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere the very best of all large early cabbages, either for summer or winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer, and comes in as early as Large Wakefield and fully a week earlier than Early Summer or any other variety of its size or class. When planted for a fall or winter crop there is no other cabbage which will withstand the summer sun so well and is so sure to form large, deep, solid heads which keep perfectly all winter. Choicest seed of our own selection and growth. Pkt., 15c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.25; 5 lbs. and over, \$3.00 per lb.

Louderback's All the Year Round Cabbage

This cabbage, originated by Daniel Louderback, has for many years been the standard early round-headed cabbage with Philadelphia gardeners, who prefer it to Early Summer and similar sorts, the originator frequently getting as high as \$10.00 per pound for his seed. It is not only the finest early Drumhead in cultivation, but is equally as good for **second and third early, intermediate and late**. Heading large, compact and solid at all seasons. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

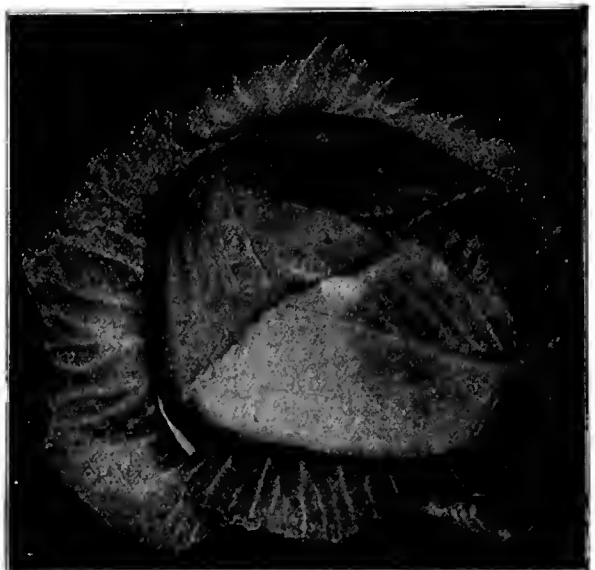
GENUINE DANISH BALL-HEAD CABBAGE

Seed Grown by the Originator in Denmark

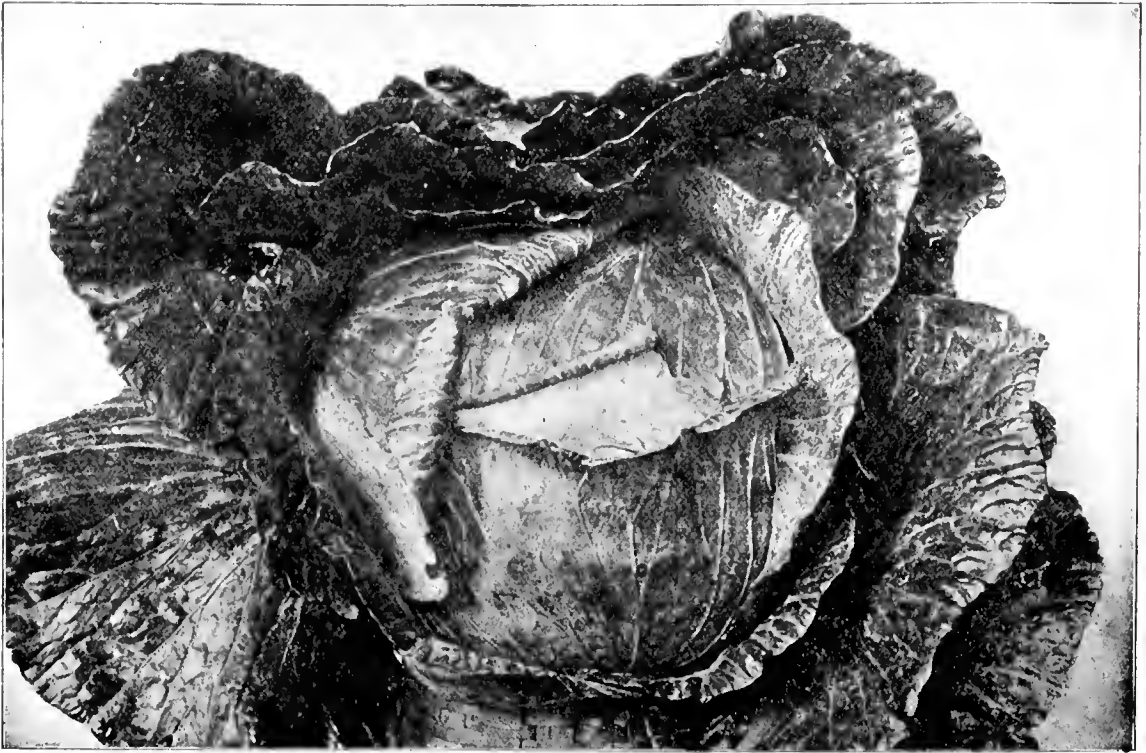
An extremely hardy imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and good seller. It is medium to late, but is generally grown as a late crop. The heads are not extra large, and without many outer leaves, so that it can be grown in close quarters. It has excellent keeping qualities, and comes out of the pit in March or April as fresh as when it was put in. It is the best cabbage to raise where it is sold per ton or by weight, as its solidity is not equalled by any other cabbage in the list. Prices: pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00; 2 lbs., \$3.75.

A SPECIAL OFFER

The above three cabbages give a fine succession. We will supply one packet of each for only 25 cents.



DANISH BALL-HEAD CABBAGE.



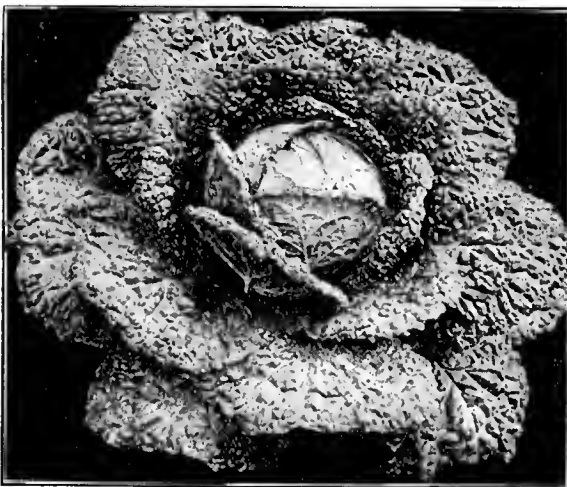
JOHNSON'S MATCHLESS LATE FLAT DUTCH CABBAGE

The largest, handsomest, most uniform and solid of all late sorts, pronounced by experienced cabbage growers the finest strain of late cabbage in the world. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25.

An Ideal List of Standard Late or Winter CABBAGES

All varieties in regular large-sized packets at 10c. per packet.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Danish Ball Head Winter. (See cut, previous page.) Very round solid head, withstands drought and succeeds on poor soil	\$0 20	\$0 60	\$2 00
Surehead. (Original seed.) Strong, vigorous; very uniform; large and solid	20	50	1 75
Rockhead Winter. Large, perfect shape, sure header and long keeper	20	60	2 25
Short Stem Drumhead. <i>Surpasses</i> the old Late Drumhead, ripening <i>earlier</i>	20	55	1 85
Large Late Drumhead. Old favorite winter sort; valuable for main crop	15	45	1 50
Premium Flat Dutch. Largely grown for main crop; a favorite for winter market,	15	45	1 50
Improved Red Dutch Erfurt. Very hard heads; deep blood color; for pickling,	20	55	2 00
Mammoth Red Rock. Largest, hardest heading and best red cabbage	20	55	2 00
Johnson's Hard Heading Savoy. The best flavor, equal to cauliflower. See cut,	25	75	2 75



JOHNSON'S HARD HEADING SAVOY CABBAGE. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

BRUSSELS SPROUTS, or MINIATURE CABBAGE

If more widely known, the Brussels Sprout would be as popular as it is valuable; few people appreciate its full worth as a winter vegetable. The small cabbages grow on stalks in great profusion. It is not the least affected by frost, and equal to cauliflower in flavor.

**IMPROVED
HALF-DWARF, or
PARIS MARKET.**
The most productive and hardest variety, bearing fine, handsome, solid sprouts, growing closely on the stalk and of finest quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.60.

**LONG ISLAND
STRAIN.** Compact sprouts, largely grown for New York markets. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.40.



BRUSSELS SPROUTS.

JOHNSON'S EARLY ALABASTER THE MOST POPULAR CAULIFLOWER



EASIEST GROWN

SUREST HEADER

JOHNSON'S ALABASTER. Pkt., 25c.; oz., \$3.00; ¼ lb., \$11.00.

JOHNSON'S
RUBICON

Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; ½ lb., \$1.00; 5 lbs., \$4.25.

CAULIFLOWER

One ounce will produce about fifteen hundred plants and sow about forty square feet. One half ounces and one-half pounds furnished at ounce and pound rates.

	Per pkt.	Per oz.	¼ lb.	Per lb.
Johnson's Early Alabaster. One of the best cauliflowers in cultivation; easiest grown, surest header and earliest. See photograph above . . .	\$0 25	\$3 00	\$11 00	\$40 00
Gilt Edge Early Snowball. Extra fine stock. For forcing under glass during winter and early spring, or for planting later in the open ground, . . .	25	2 25	7 00	25 00
Pearl of Denmark. The latest novelty from Denmark. . .	30	5 00		
Extra Early Dwarf Erfurt (Extra Selected). For forcing or open ground, . . .	25	2 25	7 00	25 00
Danish Dry Weather. Almost as early as Snowball, with larger heads . . .	25	3 00	11 00	40 00
Extra Early Paris. Heads of medium size; first-class, sure header . . .	10	65	2 25	7 00
Lenormand Short Stem. Has very large heads; white, firm and late . . .	10	60	2 00	6 50
Large Algiers. Market gardeners' popular late sort; enormous size . . .	10	65	2 25	7 00
Veitch's Autumn Giant. Vigorous in growth, very large and late . . .	10	50	1 75	5 50

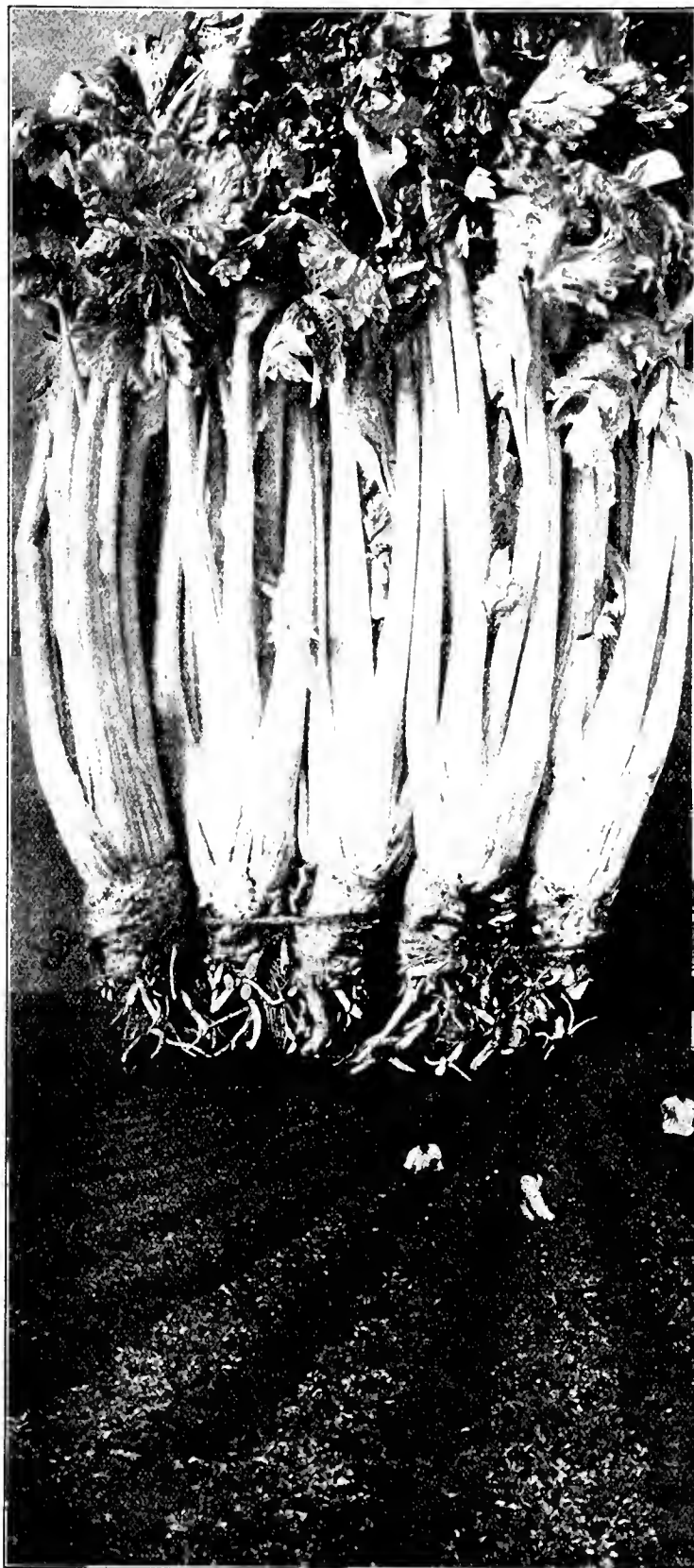
CARROTS—For the Table and Stock Feeding

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.

All varieties in regular large-sized packets, at 5c. per packet.

	Extra Clean Rubbed Seed.		
	Per oz.	¼ lb.	Per lb.
Rubicon Half-Long Orange. The best and most popular half-long carrot. Earlier than Danvers, heavier and thicker at the shoulders, as shown in our photograph above, making it more productive; the leaves are also shorter and finer. A wonderfully heavy cropper, producing from 30 to 40 tons to the acre under good culture. 5 lbs. and over, 85c. per lb., by freight or express . . .	\$0 10	\$0 30	\$1 00
Improved Danvers. (Improved American Strain.) Top small; color rich orange; shape, <i>handsome and smooth</i> ; superior quality; valuable also to grow for feeding stock, being well adapted to all soils. 5 lbs. for \$3.25, by express, . . .	10	25	80
New French Market. (French seed.) Fine deep orange color, beautiful, smooth, distinct, half-long shape, free from core. Heavy cropper and a great keeper, . . .	10	25	80
Early Scarlet Horn. (Short Horn.) Old standard and favorite early sort . . .	10	25	75
Ox-Heart, or Guerande. Early, short, thick, very smooth and handsome . . .	10	25	75
Early Half-Long Scarlet, Pointed. Very productive and handsome, fine quality, . . .	10	25	80
Chantenay. (Stump-rooted.) Similar to the old French Nantes carrot . . .	10	25	80
Saint Vallery, or Intermediate Red. Rich red color; late, thick and smooth, . . .	10	25	75
Long Orange. (Improved.) Well-known standard sort. 5 lbs., \$2.75, by express, . . .	10	20	70
Nichols' Long Orange. Much earlier than old Long Orange, shorter top; color, deep orange red. Perfectly smooth. 5 lbs. and over, 65c. per lb. . .	10	25	80
Large White Belgian. For cattle feeding; very productive and large . . .	5	15	55
Large Yellow Belgian. Differing from above in color; a fine late keeper . . .	10	20	70

Paris Golden Self-Blanching Celery



Johnson's XXX Strain

This most valuable of all celerics, for either the amateur or market gardener, is grown and selected for us by the originator in France as **Johnson's XXX Strain**. It is remarkably early, entirely self-blanching, with large, beautiful golden yellow heart, very crisp, solid and nutty. A fact that speaks for itself is that we received orders for over 600 lbs. of the seed last season from some of the largest celery growers in the United States, men who make celery practically their only crop, and who therefore can afford to take no chances on their most important crop.

Price, pkt., 15c.; oz., 50c.;
 $\frac{1}{4}$ lb., \$1.35; $\frac{1}{2}$ lb., \$5.00.

If you grow celery you cannot afford to be without our **New Leaflet-Essay on Celery Culture**, sent free to all purchasers, when requested, with the order.



Paris Golden Self-Blanching Celery, Johnson's XXX Strain. Pkt., 15c.; oz., 50c.; 1-4 lb., \$1.35; 1b., \$5.00.

IMPORTANT TO CELERY GROWERS

See the three fine new Celeries, **Johnson's Manhattan**, **Silver Self-Blanching** and **New Columbia**, described and illustrated on page 8.

Winter Queen Celery

Popular Late Celery

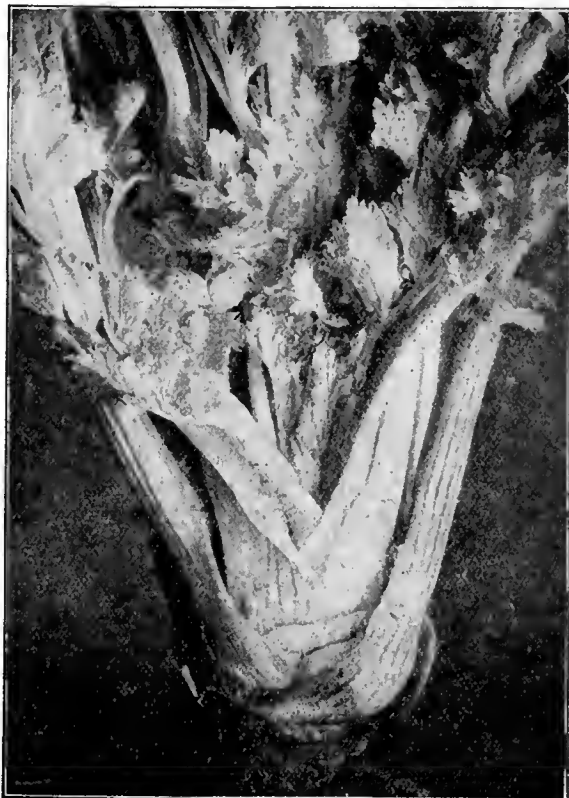
Since the introduction of this very valuable celery seven years ago, it has become the most popular of all as a late winter keeper, frequently being seen and selling at high prices in the month of May, after all other celeries are done. It is much stouter, thicker and heavier; of stocky, robust habit, with double the amount of heart of other sorts. Ribs blanch to a creamy white, solid, crisp and of nutty flavor. (See photograph.) Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

Johnson's Perfected White Plume Celery

The Earliest Celery

Easiest to grow as it blanches without even earthing up. Our extra selected and perfected market garden strain is entirely free from green celery found in most other strains of this important sort. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

IF UNDECIDED what to select, with no time to wade through the catalogue, TURN TO PAGE 19. You will find a list of STANDARD VARIETIES GUARANTEED TO GIVE SATISFACTION FOR AN AVERAGE GARDEN.



WINTER QUEEN CELERY. The best late standard sort.

The Best of the Standard CELERIES

One ounce will produce about 2500 plants and sow about 200 feet of row.
Large packets, 10 cents each, except where noted.

Johnson's Golden Self-Blanching (American Seed). Many gardeners are planting their entire crops with our superior strain of this variety
Johnson's New Cremona. Sport from Winter Queen; fine late keeper; easily grown,
Giant Pascal. Popular green sort, very brittle, crisp and nutty in flavor; pkt., 5c.,
New Columbia. (See page 8.) Early, showy, and superior quality. Stalks resemble in shape Giant Pascal, with rich yellow tint of Golden Self-Blanching,
Perle le Grand. Popular, large, green celery, for early and late use; pkt., 5c..
Golden Dwarf, or Golden Heart. Fine, large, solid, waxy-golden heart; pkt., 5c..
Perfection Heartwell. Large heart; superior quality; excellent for winter; pkt., 5c..
Schumacher. Immense size; solid, crisp; firm golden-yellow heart; late keeper,
Myers' Quick-Growing White Plume. Selected and improved by Myers & Bowman, well-known Phila. market gardeners; very early, large and handsome,
Soup or Flavoring Celery. (Old Seed.) Used for flavoring soups, stews, etc. . .
CELERIAC, or Turnip-Rooted Celery. Extra Large Smooth Prague. Pkt., 5c.,

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 35	\$1 00	\$3 25
25	75	2 50
15	45	1 50
35	90	3 25
15	50	1 75
15	40	1 25
15	45	1 25
15	50	1 75
25	75	2 75
5	10	25
15	40	1 50

CHIVES

Hardy and perennial members of the onion family, grown exclusively for their tops. Roots, per bunch, 25c., by mail, postpaid.

COLLARDS (COLEWORT)

Largely used as "greens," especially in the South. A form of the cabbage, bearing new leaves as the old ones are pulled off.

GEORGIA. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

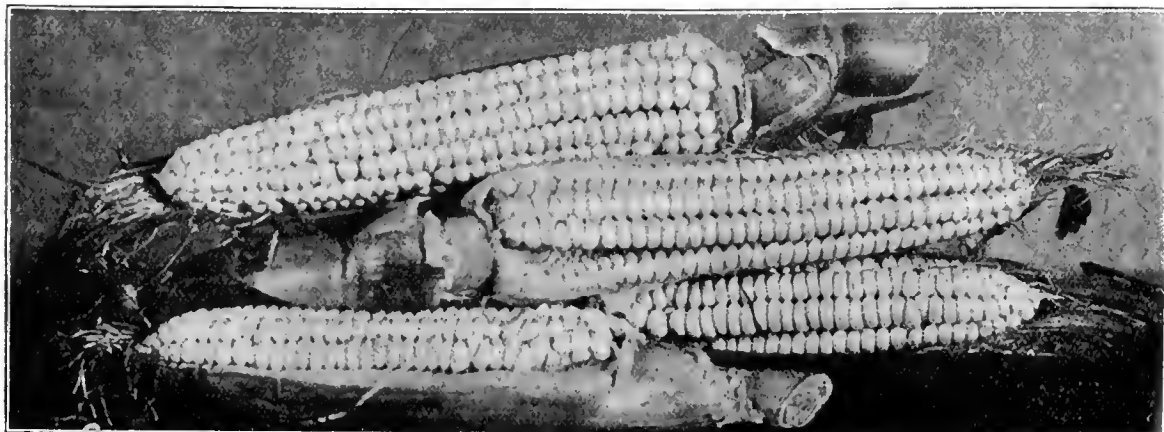
CRESS

EXTRA CURLED. (Pepper Grass.) Fine flavor; will cut several times. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

TRUE WATER CRESS. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

CORN SALAD, or FETTICUS

BROAD LEAVED (LARGE SEEDED). A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 55c.



PERKINS' EXTRA EARLY MARKET. The Earliest Table Corn. Selected by a New Jersey market grower, who for a few years past has completely controlled the early markets here on account of its wonderful earliness and hardiness. Ears medium size, creamy white color. Tender, sweet and juicy. Pkt., 10c.; pint, 25c.; qt., 15c., postpaid; qt., 35c.; 2 qts., 60c.; peck, \$1.50; bush, \$5.00, by express.

SWEET CORN

Eastern grown seed, arranged in the order of maturity
Large packets, 10c. each

Postpaid. By Express (not prepaid)

Pint. Qt. Qt. Peck. Bush.

STANDARD EXTRA EARLY VARIETIES

Adams' Extra Early. Not sugar corn; small ears for early use...	\$0 15	\$0 25	\$0 15	\$0 70	\$2 50
Burlington Hybrid. Most profitable for market; resembles sweet corn; nearly as early as Adams', with ears as large as Evergreen,	20	30	20	80	2 75
Peep o' Day. Very early, sweet and productive; dwarf in growth...	20	30	20	1 10	4 00
Early White Mexican. Quality similar to old Black Mexican...	20	30	20	1 00	3 40
Golden Bantam. Hardy and sweet, dry, grains deep yellow color,	25	40	30	1 50	5 50
Early Cory, or First of All. Very early, with fair-sized ears...	20	30	20	1 00	3 75
Holmes' Premo. Large ear; 60-day corn; very sweet and hardy,	20	30	20	1 10	4 00
New Mammoth White Cory. A selection from the old White Cory, which it has displaced; fully as early, with larger ears...	20	30	20	1 10	4 00
New Early Champion. Ripens ahead of Crosby's; larger ears...	20	30	20	1 10	4 00
Kendel's Early Giant. Large, handsome ears; ready in 70 days,	20	30	20	1 10	4 00
Crosby's Extra Early. Fair-sized ears; of excellent quality...	20	30	20	1 10	4 00

SECOND EARLY AND GENERAL CROP VARIETIES

Shaker's Early. Very large, white grain; early and productive...	20	30	20	1 10	4 00
The Honey. Husks and stalks deep red color; ears cream white...	20	35	25	1 25	4 50
New Early Evergreen. Ears as large as Stowell's; 10 days earlier	20	35	25	1 10	4 00
Stowell's Evergreen. Original stock as introduced by Mr. Stowell,	20	30	20	1 10	4 00
Johnson's Five-Eared Sugar. (Novelty 1909.) See page 8....	35	60	50	3 00	
Country Gentleman. (Improved strain.) Sweetest of all	25	40	30	1 35	5 00
Shoe Peg, or Ne Plus Ultra. Small ears, with very irregular rows,	20	35	25	1 15	4 25
Late Mammoth. The largest ears of all, rich, sweet and superior,	20	30	20	1 10	4 00

POP CORN FOR THE BOYS.

Queen's Golden, White Rice and Silver Lace. Ears, 10c. each, shelled; pkt., 10c.; pint, 20c.; qt., 40c., postpaid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., 6c. per lb., by express.



Mammoth Early Epicure. A standard second early sweet corn; very large ears, rich flavor. Pkt., 10c.; pint, 20c.; qt., 35c., postpaid; qt., 25c.; peck, \$1.25; bush., \$4.50, by express or freight.



JOHNSON'S IMPROVED ARLINGTON WHITE SPINE. The most profitable cucumber for market, shipping or home use.

Johnson's Improved Arlington White Spine Cucumber—Extra Select

A marked improvement over all other strains of White Spine. The vine is very hardy, and its earliness has been developed until the first fruit is ready for shipment a week or more in advance of any of the old White Spines. The color is a clear, rich green, brilliant and permanent to an extraordinary degree. Its shapely form is well shown in our photograph above. In productiveness it ranks first, the cucumbers being set in profusion, close to the hill, and of unequalled symmetry and uniformity. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.40, postpaid; by express, lb., \$1.30; 5 lbs. and over, \$1.25 per lb.

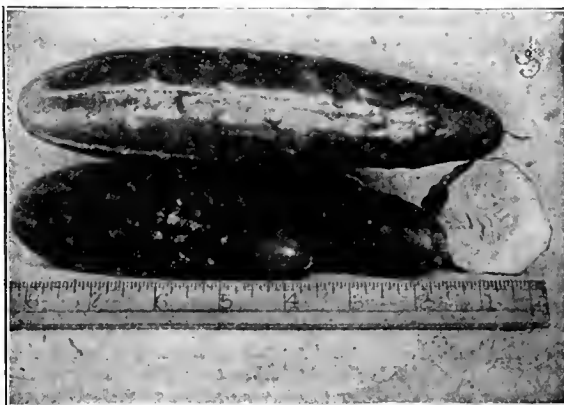
CUCUMBERS

One ounce will plant about fifty hills, two pounds will plant one acre.
Large packets, 5c. each.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Peerless, or Improved White Spine. A fine strain; very early and handsome.	\$0 10	\$0 30	\$1 00
Evergreen White Spine. Retains its deep green color in all stages of growth.	10	35	1 20
Arlington White Spine. Old standard for market and shipping.	10	35	1 25
Coy's Early Cyclone. The earliest White Spine by 3 weeks. Wonderfully prolific.	10	35	1 25
Johnson's Hot-House Forcing. Seed from hot-house-grown cucumbers. Something extra good; equally valuable for growing outside. Pkt., 10c.	45	1 35	4 75
Davis' Perfect. For forcing or outdoors. Very productive, handsome shape and color.	15	45	1 50
New Klondike. Early, prolific, attractive, dark green; crisp. Fine for market.	10	35	1 10
Early Frame, or Short Green. For slicing or pickling; productive and early.	10	35	1 10
Westerfield's Chicago Pickle. One of the best pickles; very popular West.	10	35	1 20
Nichol's Medium Green. Thick through; full ends; for slicing or pickling.	10	35	1 20
Green Prolific, or Boston Pickling. Dark green; uniform small size; productive.	10	35	1 25
Improved Long Green. (Jersey Pickle.) Dark green; crisp and productive.	10	35	1 20
Johnson's Perfected Jersey Pickle. New and fine. The best pickle. See cut.	15	45	1 40
New Cumberland. Very prolific, fine for pickling or slicing.	10	30	1 00
Fordhook Pickling. Excellent new sort, but not equal to Johnson's Perfected.	15	35	1 25
Giant of Pera. Grows 1 to 1½ feet long; one of the best for table use.	15	45	1 40
West India Gherkin, or Burr. Small; prickly fruits; best for small pickles.	15	45	1 40



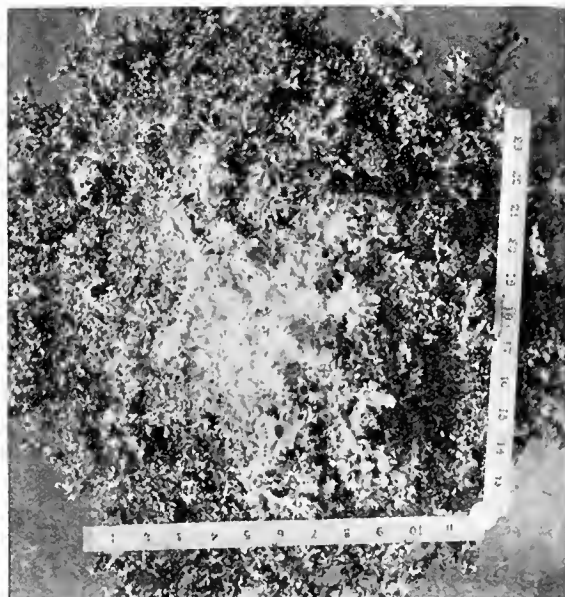
DAVIS' PERFECT CUCUMBER.



JOHNSON'S PERFECTED JERSEY PICKLE.



IMPROVED BLACK BEAUTY EGG PLANT.
Fruits thick and perfect in form. Skin rich purplish black
Pkt., 10c.; oz., 70c.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.



MAMMOTH GREEN CURLED.
The largest and best Endive, much superior to the old Green
Curled. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

EGG PLANT—Choice New Jersey Grown Seed.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
One ounce will produce 1000 plants. Large packets, 10c. each.			
New York Improved Large Purple, Spineless. The old standard sort.....	\$0 50	\$1 50	\$5 25
New Jersey Improved Large Purple. Largest and finest of late Egg Plants....	50	1 50	5 50
Improved Black Beauty. Fine new sort; handsome shape, hardy, thrifty, well- rounded bushes, giving 10 to 20 perfect fruits, which never turn gray.....	70	2 00	7 00
Johnson's Northmount. The earliest and hardiest of all large smooth purple Egg Plants. See Novelties, page 9. Per pkt., 20c.; $\frac{1}{2}$ oz., 85c.....	1 50	5 00	

ENDIVE, or Chicory

One ounce will sow fifteen feet of drill and will produce about three thousand plants.

Large packets, 5c. each except where noted.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
Mammoth Green Curled. Leaves very crisp, tufty and full. Mid-rib is pure white, with large, white heart, fleshy and tender. Equally suitable for spring, summer or autumn planting. Pkt., 10c.	20	45	1 50
Broad Leaved (Escarole). Large and sweet, for fall and winter. Popular South, Giant Green Fringed, or Oyster. Very handsome and tender. Used largely by restaurants to decorate oysters. Easily blanched by tying in center.....	15	40	1 25
Ever-White Curled. A very attractive and choice salad, with yellow mid-rib..	15	45	1 50
	15	40	1 40

DANDELION—Sow early in drills eighteen inches apart.

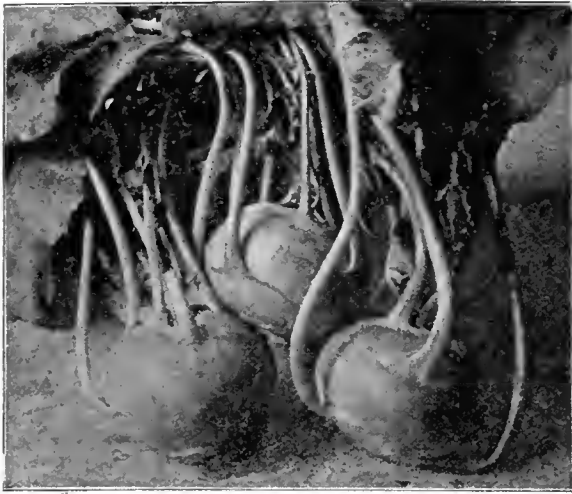
Improved Large, or Thick Leaved. A very early spring salad. Pkt., 10c. ... 60 1 50

GOURDS—Large Packets, 10c. each.

	Per Oz.	$\frac{1}{4}$ Lb.	Lb.
Luffa, or Dishcloth. A vegetable dishcloth, a sponge and bath brush combined. Fruit grows about 2 feet in length. Vine grows to a height of 20 to 25 feet ..	35	1 00	
Dipper. Capacity varies from a pint to a quart, with handles 6 to 12 inches long. Convenient for dipping hot liquids, etc. Pkt., 10c.....	25	75	2 75
Japanese Nest-Egg. These exactly resemble the eggs of hens, making a capital nest-egg. A rapid-growing climber. Pkt., 10c.....	25	75	
Sugar Trough. Very useful for baskets, dishes, buckets, etc. Hard, thick shells, capable of holding from two to ten gallons each; plant grows rapidly. Pkt., 10c.	25	75	
Fine Mixed. A collection of the most ornamental, including the above. Pkt., 10c.	40	1 25	

36 Years' Experience back of Johnson's Standard Quality Seeds. 36 years of testing and proving the best led to the selection of everything offered in this list.

THE SEED BUSINESS is different from most others, from the fact that after the seeds are sown, a long time must elapse before their real value is known, and for this reason the sale of seeds to the planter must be a matter of confidence, and that confidence can only be lastingly held by such seed growers who test their seeds before selling, and who HAVE THE PRACTICAL EXPERIENCE to determine when they are right. While there are many other houses who supply good seeds to their customers, we know there are none better than JOHNSON'S, and we assure all, our old as well as prospective customers, that there are no better stocks to be had than we are growing and selling to-day.



SMOOTH WHITE SHORT-LEAVED—THE BEST KOHL-RABI.



NEW GIANT ITALIAN LEEK.

KOHL-RABI OR TURNIP-ROOTED CABBAGE.

One ounce will sow one hundred and fifty feet of drill.

Large packets, 10c. each, postpaid.

New Smooth White. Very Short-Leaved. Extra fine for table or market.

Superior to White Vienna, very early and best for forcing or outside growth.

New Smooth Purple. Very Short-Leaved. Differs from above only in color.

White Vienna. Very early, short-leaved, delicate, handsome and tender.....

Early Purple Vienna. Similar to above except in color, which is bluish purple.

KALE OR BORECOLE.

One ounce will produce about two thousand plants.

Large packets, 5c. each, postpaid.

New Imperial, or Long Standing. Slow seeder, hardiest for gardeners; superior to all other sorts in vigorous habit; bright green color.....

Philadelphia Green Curled Scotch. Height, 2 feet. Popular Philadelphia strain.

Extra Dwarf Green Curled Scotch. Height, 18 inches. Popular South.....

LEEK.

One ounce will sow one hundred feet of drill, and produce about one thousand plants.

Packets, 5c. each, by mail, postpaid.

New Giant Italian. The largest and best of all. Very hardy, with distinct, dark-colored leaves; mild in flavor, like the Italian Onions; fine keeper. See cut..

Large American Flag. Very large, hardy and productive; popular for market..

London Flag. Old sort, smaller and inferior to the new large varieties.....

Monstrous Carentan, or Scotch Champion. (Musselburg.) Very large....

Per oz.	¼ lb.	Per lb.
\$0 30	\$0 80	\$3 00
30	80	3 00
25	70	2 50
25	70	2 50

10	20	65
10	20	60
10	25	70

15	50	1 50
10	30	1 00
10	30	90
15	40	1 25

HORSE RADISH.

Horse radish is grown from young roots or sets, which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. **Common variety** roots, per dozen, 20c.; per 100, 75c., postpaid (50c. per 100; \$3.00 per 1,000, by express). Write for special prices in large lots.

MALINER KREN—A New Horse Radish from Bohemia.

This new sort was brought from Bohemia by Mr. Fairchild, Agricultural Explorer for the office of Plant Introduction of the United States Department of Agriculture.

The roots grow to a very large size, perfectly white, and suited to almost any soil. Roots set in April will yield a large crop in October. Grows much more rapidly than the old variety, and its flavor is the very best; especially is the difference noticeable in early fall, when the old variety would be too green for use. It is a profitable crop for the farmer, and should be planted in every home garden, as it can be grown as easily as potatoes or corn, simply by sticking down the cuttings in rows, cultivating same as cabbage, and plow out in the fall or spring, same as potatoes, parsnips or carrots. **SMALL ROOTS**, ready for planting: 25c. per dozen, or \$1.50 per 100, by mail, postpaid. By express or freight, not prepaid: Larger size, \$1.00 per 100; \$7.00 per 1,000.

GARLIC.

The sets should be planted in spring. Cultivate same as onions. Sets, per ¼ lb., 15c.; lb., 40c., postpaid; by express, lb., 30c.; 10 lbs. and over, 25c. per lb.



HORSE RADISH ROOTS.



HARVESTING THE SEED FROM A FIELD OF OUR MAMMOTH SALAMANDER LETTUCE. See head next page.

Cabbage or Heading Varieties of LETTUCE

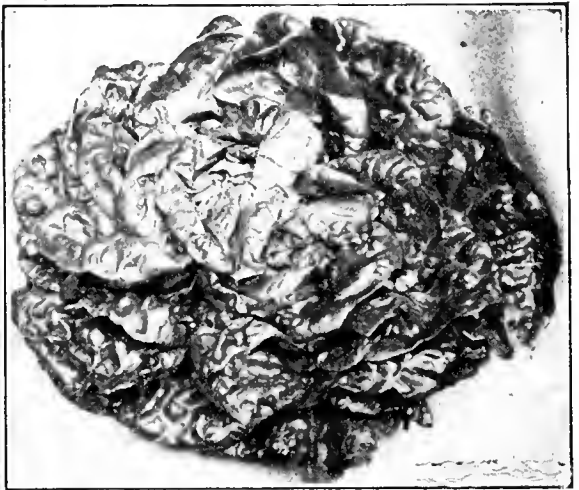
One ounce will sow about one hundred square feet and produce three thousand plants.

All varieties in regular large-sized packets at 5c. each per packet.

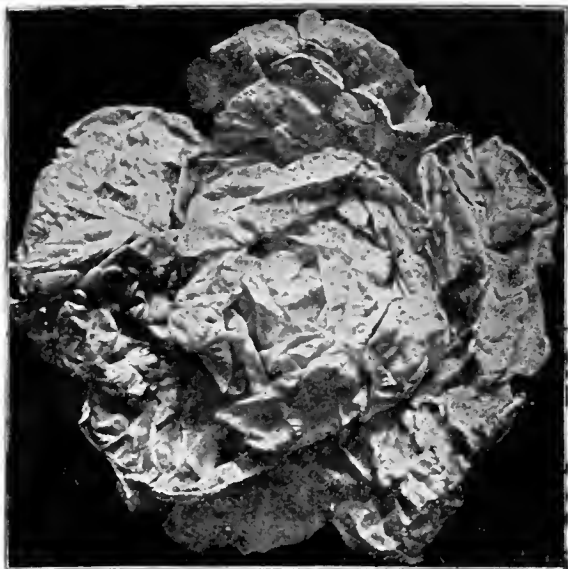
	Per oz.	¼ lb.	Per lb.
White-Seeded Tennis Ball, or Boston Market. A well-known foreign sort . .	\$0 10	\$0 30	\$1 00
Arlington Tennis Ball. Improved strain; saved from plants started under glass,	20	50	1 60
Johnson's Hot-House. Double the size of Tennis Ball; never rots	20	50	1 75
Myers' "All Right." Equally valuable for forcing or open ground planting . .	15	45	1 50
Reichner's Early White Butter. Large, solid; fine for forcing or open ground,	15	35	1 25
Big Boston. A fine strain for forcing or open ground; very large, solid heads . .	20	60	2 00
Johnson's Summerlead. Large, handsome yellow heads of perfect quality . .	20	60	1 75
Holyrood Hot Weather. Wonderful heat resister. See Novelties, page 10. Pkt., 10c.	35	85	3 00
Golden Gate. Immense solid heads, crisp, tender; sure header; resists heat . .	20	45	1 50
Mongolian. A new variety from Asia, valuable for spring and fall planting,	20	45	1 50
Copperhead. Large, solid light brown outside, shading to light pink inside . .	20	50	1 75
Giant Glacier. Large, light green heads; leaves crimped like Savoy Cabbage,	15	45	1 50
Sensation. Forms a solid head before half grown; light yellowish green . . .	15	45	1 50
Silver Ball. Head white, solid, firm; splendid for spring and summer use . .	15	35	1 25
Philadelphia Dutch Speckled Butter. Fine large heads of excellent quality . .	15	35	1 25
Hornberger's Dutch Butter. Improvement on Dutch Butter; private stock . .	20	60	2 00
White Russian Summer. Very large, handsome heads; fine for open ground,	15	35	1 25
California Cream Butter, or Royal Summer Cabbage. Fine, solid heads . .	15	35	1 25
Salamander. Old sort. Fine compact heads, which resist heat admirably . . .	15	35	1 25
Deacon. A large, solid cabbage lettuce for summer; heads light green outside . .	15	35	1 25
Nansen, or North Pole. Style of Deacon; ten days earlier, very hardy	15	40	1 40
New York (Wonderful). Large, dark green heads; used only as a summer sort,	15	35	1 25
Improved Hanson. Very large, solid and of fine quality; withstands the hot sun,	15	35	1 25



Photograph of head of MYERS, "ALL RIGHT" LETTUCE.
Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

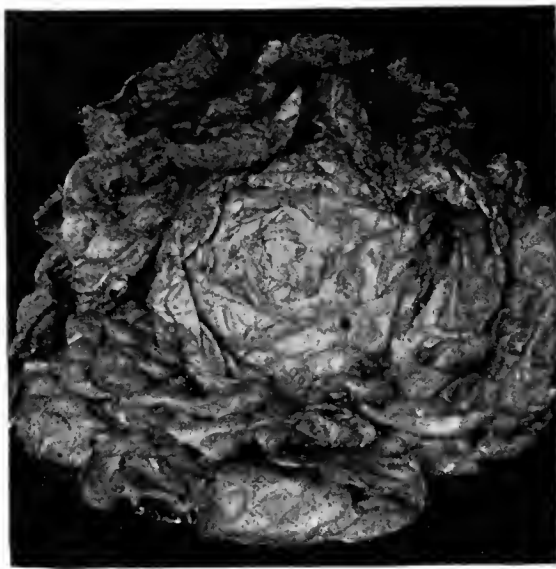


JOHNSON'S SUMMERLEAD. Best to stand heat. Pkt., 5c.
oz., 20c.; ¼ lb., 60c.; lb. \$1.75.



Mammoth Salamander Lettuce

In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is the result of many years' careful selection and breeding by a Philadelphia market gardener, whose main crop is lettuce. Owing to its handsome appearance and fine quality, it is to-day the most rapid seller in New York and Philadelphia markets. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.60.



Big Boston Lettuce

A fine forcing variety for cold frames during the winter months, as it produces *heads of very large size*, and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground. Per Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Early May King Lettuce

Fine for early spring planting in the open ground. Round, compact, solid heads, green and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

LETTUCE—Curled or Loose Leaved Varieties

All varieties in regular large-sized packets, at 5c. per packet.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Grand Rapids. A famous shipping, loose-headed forcing sort; popular West . . .	\$0 15	\$0 45	\$1 50
Black-Seeded Simpson. Improved strain; large, loose heads; light in color . .	15	35	1 25
Early Prize-Head (Brown Cabbage). Large, loose heads, tinged with brown . .	15	35	1 25
Early Curled Silesian. A leading early sort; fine for cutting for home use . . .	15	35	1 25
New Trianon Cos, or Celery Lettuce. The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner.	15	45	1 50
Lettuce—American Varieties Mixed. Fifteen kinds mixed in one package, giving a succession of fine lettuce the whole season in the home garden . . .	15	35	1 25

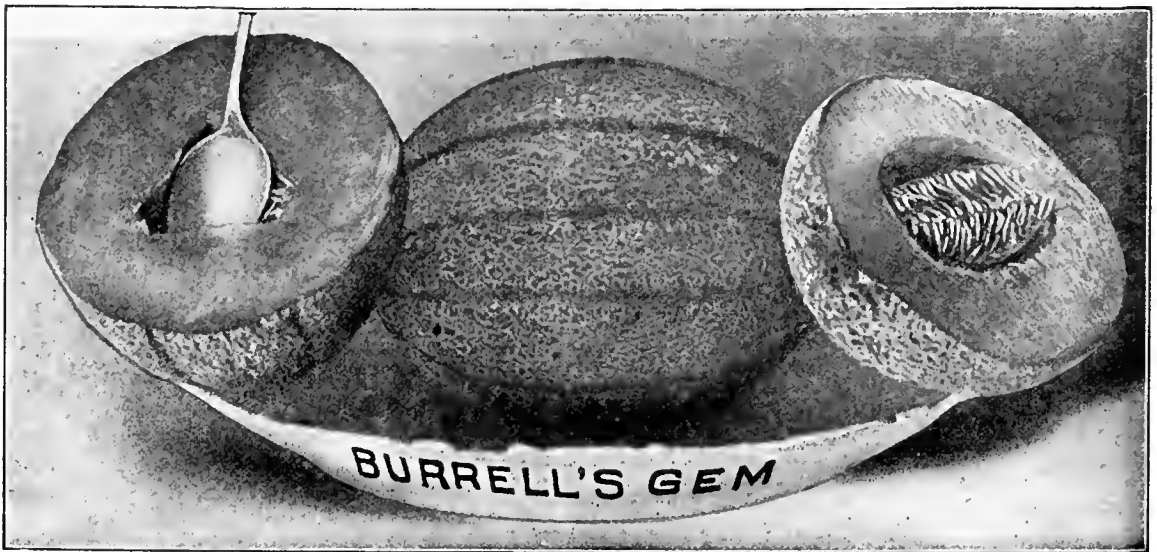


New Morse Lettuce

This excellent new curled lettuce might be called an improved Black Seeded Simpson, except from the fact that the seed is white. It grows to large size. The outer leaves are light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly, is very early and of delightful flavor, being very crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

A New Lettuce Free for Trial.

We shall include in every order of \$1.00 and over from this catalogue, an entirely new and distinct lettuce, selected for several years past by one of our market garden friends. Grown the past season on our trial grounds, we found it a greatly improved type of Big Boston, making larger and more solid heads, entirely free from the colored tinge found in that variety.



BURRELL'S GEM—The New Rocky Ford with luscious golden meat, a fine shipper. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

MUSKMELONS OR CANTALOUPE—A SELECT LIST

One ounce will plant about seventy hills, three pounds will plant one acre.

All varieties in large-sized packets at 5c. each, except where noted.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Early Jenny Lind. Small, early; light green flesh; fine for early market . . .	\$0 15	\$0 40	\$1 25
McCleary Jenny Lind. One of the earliest. Profitable for the market . . .	15	45	1 65
Sweet Home. Larger than Jenny Lind; green flesh; best for light soils . . .	15	35	
Johnson's Dreamwold. Novelty for 1907. See page 12 Pkt., 10c. . . .	30	75	2 75
Anne Arundel. Shape of Acme; much larger in size; thick green flesh . . .	20	50	1 75
Paul Rose, or Petoskey. (New.) Cross of Osage with Netted Gem. Early; nearly round; thick salmon-colored flesh; a fine shipper and long keeper . .	15	45	1 50
Norfolk Button. (New.) Very early and prolific; thick, sweet, green flesh . .	15	45	1 50
Rocky Ford. Largely grown in Colorado for shipment; oblong in shape; sweet, green flesh. 5 lbs. and over, 90c. per lb., by express or freight	10	35	1 10
Burrell's Gem. A golden-fleshed Rocky Ford. See above. Pkt., 10c.	20	60	2 00
Improved Shippers' Delight. New, fine, early. Good shipper. Distinct shape, Netted Gem. (Golden Jenny.) Early; small, nearly round and of fine flavor, . .	10	35	1 10
Tip-Top Nutmeg. Slightly oval; grows to good size; sweet, yellow flesh	15	45	1 70
Large Hackensack, or Turk's Cap. Large, round; flattened; green flesh . . .	15	45	1 50
New Early Hackensack. Ten days earlier than Hackensack, which it resembles, . .	15	45	1 70
Emerald Gem. Small, early, productive; sweet salmon flesh, deep green skin, . .	25	75	2 50
Red-Fleshed Osage, or Miller Cream. Medium size; globe shape; very sweet, . .	15	45	1 70
New Green-Fleshed Osage. One of the best of green-fleshed sorts	10	30	1 00
New Melrose. Very hardy, dark green, oval shape; very superior quality . . .	15	35	1 25
Long Island Beauty. The best of the Hackensack type; very early; fine quality, . .	15	50	1 75
The Banquet. Globe-shaped; densely netted; dark, very rich salmon flesh . .	15	35	1 25
Bay View. Very prolific and of good size; oblong; green flesh; quite late . . .	10	30	1 10
Improved Montreal Nutmeg. Large, round, netted; flesh thick and light green, . .	15	40	1 50
Acme, or Baltimore. Early; oblong; pointed; light green flesh; a fine shipper, . .	15	45	1 50



A crate of **ROCKY FORD MELONS.** Johnson's selected strain, as they appear in New York and Philadelphia markets.

FOUR FAMOUS WATERMELONS



THE KLECKLEY SWEETS WATERMELON.

NEW HALBERT HONEY WATERMELON.

THE KLECKLEY SWEETS WATERMELON

This famous "sweetest of all" watermelons has become very popular. Of superb luscious flavor; very fine grained and tender meat. The fruits are of large size, of form shown in above photograph. The rind is very thin and brittle, splitting ahead of the knife when cutting. They ripen early and are very desirable for the home garden. Price, per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

THE HALBERT HONEY WATERMELON

This melon originated in Texas, and is one of the best for private use or nearby markets. The rind is thin, and will not hold for shipping any great distance. The beautiful crimson flesh has scarcely any pulp, and is very sweet. It is long, dark green, and runs from 20 to 30 inches in length. It uniformly demands the highest price. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

BLACK BOULDER—The Great Shipping Watermelon

For this grand new and distinct watermelon we are indebted to the late Aaron Paul. It is enormously productive, reaching a mammoth size. It cuts equal to any market shipping melon we have ever eaten; its shipping qualities are phenomenal, no other melon equaling it in tough green skin and rind. It is one of the best "all round" melons in existence; for the family garden is also without a peer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

GENUINE JOHNSON'S DIXIE WATERMELON

The true Johnson's Dixie is a cross between the Kolb Gem and Old Fashioned Mountain Sweet, and surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet, Kleckley and Florida Favorite in superior eating quality, and is ten days earlier than any of them. Its great productiveness is shown from the fact that it frequently matures six to eight large melons to the vine. Owing to the great popularity of this variety, another and much inferior melon is frequently substituted and sold for it. If you want quality and genuine seed, send to the Johnson Seed Company. Price, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

EXTRA SELECTED STOCK SEED. From picked melons. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



BLACK BOULDER WATERMELON.

GENUINE JOHNSON'S DIXIE WATERMELON.



Specimen of PAUL'S BONNY BEST—Ripened in 62 days.

Paul's Bonny Best Watermelon

The earliest watermelon in cultivation. It originated with the late Aaron Paul, the famous New Jersey melon grower and hybridizer. Will produce melons weighing 15 to 20 lbs. each in from 60 to 70 days. Flesh red, deliciously sweet, with but few seeds. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

The Bradford Watermelon

A fine oblong shipping melon with dark green skin. Flesh is very sweet, dark red in color; seeds small and nearly white, flecked with a brown spot on each side.

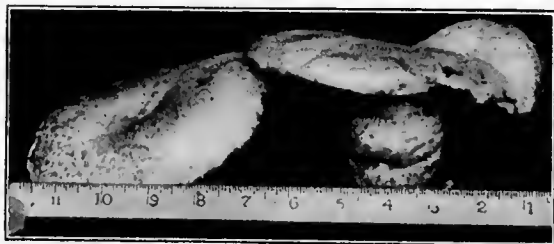
Under good cultivation they grow to very large size, frequently weighing from 40 to 60 lbs. and commanding the very highest prices in any market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

Standard WATERMELONS with Real Merit

One ounce will plant about fifty hills and four pounds will plant one acre.

Large packets of any variety, 5c each. In 5-lb. lots and over, 10c per lb. may be deducted.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Fordhook Early. Very early; good size; medium green, red flesh of fine quality,	\$0 10	\$0 30	\$0 90
Early Jumbo. Round; of large size; dark green skin; extra good quality . . .	10	25	90
Dark Icing. Early, round, solid, with thin dark green skin; of superior quality,	10	20	70
Light Icing, or Ice Rind. Round in form like the above; flesh of fine quality .	10	25	75
Triumph. New Southern variety. Very large; dark green, superior flavored,			
red flesh; one of the most successful for shipping, bringing the highest prices,	10	25	75
Cherokee Beauty. Long, large, dark skin, striped with black. Sweet; good shipper,	15	35	1 00
Gray Monarch, or Long White Icing. Very large, long; crimson flesh . . .	10	25	90
Black Diamond. Large, round; skin dark green; tough; red flesh, fair quality,	10	20	65
Sweet Heart. Mottled light green; large, oval, heavy; red flesh; fine shipper,	10	20	70
Alabama Sweets. A grand new shipping melon; equal to Icing, Kleckley and			
Florida Favorite in luscious quality; long, dark green, continuous bearer . .	10	30	90
McIver's Wonderful Sugar. Resembles Old Rattlesnake, superior in quality .	10	25	90
Cuban Queen. Early, solid and heavy; skin striped dark and light green . . .	10	20	70
Kolb Gem. Very large; flesh red; a good shipping sort; popular in the South .	10	20	60
Blue Gem, or Iceberg. A blue Kolb Gem, better quality; desirable for shipping,	10	20	70
Florida Favorite. A superior strain; large, oblong, striped; luscious red flesh,	10	25	90
Scaly Bark. Very large; dark green; light crimson flesh of good flavor . . .	10	20	65
Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; bright red flesh .	10	25	75
Colorado Preserving Citron. (Green seed.) Also called Apple Pie; for preserves,	10	20	70
Green Citron. (Red seed.) Round and handsome; for preserving only . . .	10	20	70



MUSHROOMS MEASURING OVER SIX INCHES ACROSS, GROWN FROM JOHNSON'S ENGLISH MILLTRACK SPAWN.

RELIABLE MUSHROOM SPAWN

The culture of mushrooms is increasing enormously. They used to be considered a luxury, but now all restaurants and hotels have them daily on their menus, and they are very largely required in household use. They can be grown successfully in cellars, in barns and stables, or other buildings that perhaps are standing idle. They are the most profitable crop for the outlay that can be grown. We send practical working directions with each order for spawn.

JOHNSON'S ENGLISH MILLTRACK MUSHROOM SPAWN

Our celebrated **English Milltrack** brand (made by the best maker in England specially for our trade) has gained an enviable reputation among growers for its uniform good quality, and can be thoroughly relied upon to produce a good crop. Per brick, $1\frac{1}{4}$ lbs., 15c. (bricks, postpaid, 25c.); 10 lbs., 80c.; 25 lbs., \$1.50; 100 lbs., \$5.50; 1,000 lbs. and over, 5c. per lb. (250 lbs. sold at 1,000-lb. rate).

PURE CULTURE MUSHROOM SPAWN—AN AMERICAN PRODUCT

A very superior article, made in this country from carefully selected spawn, which, it is claimed, is much more vigorous than the imported. Price, 25c. per brick (brick postpaid, 35c.); 5-brick lots, 22c. per brick; 10-brick lots, 20c. per brick; 25-brick lots, 18c. per brick; \$12 00 per 100 lbs.

MUSTARD

One ounce will sow about seventy-five feet of drill.

Southern Giant Curled. Highly esteemed in the South, where the seed is sown in the fall, and used in the spring as a salad. Our stock is the true curled leaf, and produces plants 2 feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

New Chinese. Leaves twice the size of the ordinary White Mustard, crimped like a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves are eaten boiled like spinach, and the plants will continue to yield until frost sets in. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

White London. The old sort, used for salads and flavoring. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Black or Brown. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

MARTYNIA

Martynia Probovidea. The best and most productive variety for pickling. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

NASTURTIUM—Indian Cress

Tall. The best for pickling seed pods, or gar- nishing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Dwarf Mixed. A trailer requiring no support. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

OKRA—Gombo

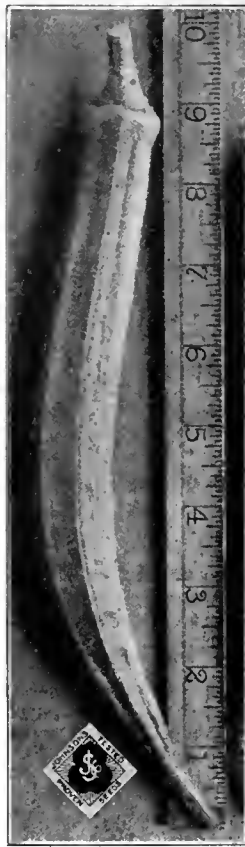
One ounce will plant one hundred hills.

Kleckley's Favorite Okra

A new sort, growing 2½ to 3 feet in height. The pods are white and smooth, about 6 inches in length by 1½ inches in diameter, *exceptionally tender and fleshy*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

White Velvet. This distinct and beautiful new okra was originated in Georgia. The pods are very large; perfectly smooth; never prickly; round, not ridged or square as in other okras. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PERKINS' MAMMOTH LONG PODDED OKRA



PERKINS' MAMMOTH LONG GREEN
PODDED OKRA.

This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within 3 inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, 8 to 9 inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c., post-paid; by freight or express, lb., 55c.; 5 lbs. and over, 50c. per lb.

Lady Finger. Fine new variety from the South. Very productive of extra long slender pods of fine round form, white and smooth. If used in its early state of growth, it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Dwarf Green Prolific, or Density. A distinct variety, growing about 14 inches in height. Very productive of fine, smooth pods. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Get the Best Johnson's

JOHNSON'S QUICK CASH CABBAGE

"Your Quick Cash Cabbage is wonderful. Flourished in spite of bad conditions, when other cabbage, owing to the cold spring, failed."—J. B. MARCAN, Gladwin, Mich.

EVERY PLANT HEADED

"Every plant of Johnson's Ever-Ready Cabbage, transplanted, headed, producing fine heads, giants in size."—Miss ELSTIE SMITH, Anna, Ills.

JOHNSON'S HIGH-GRADE CABBAGE SEED

"I find your seeds are the best that I have ever used. I have had cabbage from your Market Gardeners' No. 2 to weigh from 12 to 14 lbs., and your Earliest Cabbage has the largest heads I ever saw for early cabbage. I recommend your seeds whenever I can."—JULIA A. SCARBOROUGH, Mt. Gilead, N. C.

JOHNSON'S DREAMWOLD MELON

"The Johnson's Dreamwold were the finest cantaloupes I ever grew. I sold them for 50 cents each."—J. W. BEORSS, Magdalene, Fla.

NINE BUSHELS TO AN OUNCE OF SEED

"Your Long-Keeping Prizetaker Onions are the largest I ever saw; they gave about nine bushels from an ounce of seed."—PHILIP VASSELLER, Oxford, Pa.

JOHNSON'S PEDIGREE ONION SEED

"Last spring I purchased onion seed from several of the leading seedsmen; those I got from you proved by far the best of any. I enclose a photo of a field planted with your seed, that will speak better than I can describe on paper. Notice the even stand, the fine growth of tops and other good points. I grow onions for shipping, so good seed means much to me."—A. S. CHRISTENSEN, Dodge Center, Minn.

BEST HE EVER PLANTED

"I am well pleased with the fair and honorable manner in which you have dealt with me. Your seeds are clean, pure, and of first-class vitality; they are the best I ever planted."—JOHN D. SCHOFIELD, Pomona, N. J.

ALL TRUE TO NAME

"Your seeds are all true to name. I shall be your customer as long as I remain in the garden and truck business."—WM. T. MERRILL, Rising Sun, Md.



Section of field of JOHNSON'S NEW LONG-KEEPING PRIZETAKER ONION, just before harvesting the seed. See photograph and testimonials, page 13.

There is no vegetable in which the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from choice bulbs, selected by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, price afterwards, and in no one crop have we met with greater reward than in onions.

One ounce will sow 100 feet of drill. To grow large onions from seed, 5 pounds to the acre; to grow small sets, 50 to 60 pounds to the acre are required. For full information for culture, storage and marketing onions and onion sets, see our **New Leaflet-Essays** on this subject, which will be sent free with all orders for onion seed, when requested.

About Prices

Not for several years have we had such a good crop of fine plump, high germinating onion seed as in 1908. We are, therefore, able to make unusually favorable prices.

Philadelphia Yellow Dutch, or Strasburg Onion

The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-sized onions are somewhat flattened, flesh white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid; by express or freight, lb., \$1.65; 5-lb. lots, \$1.60 per lb.; 10 lbs. and over, \$1.50 per lb.

Minnesota Globe Onions

Seed Grown in Minnesota by Originator

These are new true globe onions of the finest and most select type, so called to distinguish them from all other stocks of red and white globe onions, differing in earliness, productiveness, perfection of shape and long-keeping qualities. From reports of customers and our trials with them, we believe them to be the onion of the future for the Northern States.

Minnesota Globe Wethersfield Red Onion.

Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

Minnesota White Globe Onion.

Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.25.

True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape. It grows to good size, with thin yellow skin, white flesh, fine grained and excellent quality. It ripens early, keeps well and is very productive. This variety is catalogued by many seedsmen as Yellow Globe Danvers, which is a misnomer. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid; by express or freight, lb., \$1.65; 10 lbs. and over, \$1.50 per lb.

Southport Globe Onions

Johnson's Superior Connecticut-Grown Seed

There is a marked superiority in the Eastern-grown types of the Globe Onions, commonly known as the Southport strains, over the Western-grown types. That our seed of these important varieties is from highly bred and carefully selected types is attested by the numerous letters we have received from the most critical onion growers.

Southport Large Yellow Globe. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Southport Large Red Globe. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Southport Large White Globe. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

For uniformity, productiveness, deep globe shape, sure ripening and line keeping qualities, plant
JOHNSON'S CONNECTICUT-GROWN SOUTHPORT GLOBE or MINNESOTA GLOBE ONIONS



PHILADELPHIA YELLOW DUTCH. The great set onion.
Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

TRUE ROUND YELLOW DANVERS ONION.
Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid.

A Select List of other Standard American ONIONS

Large packets of any variety of Onion, 10c. each.

In 5-lb. lots and over, by express, 15c. per lb. may be deducted.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Johnson's Philadelphia Yellow Globe Danvers. The most productive and most popular onion for market; uniformly perfect. See photograph, page 13.	\$0 25	\$0 70	\$2 40
Johnson's New Early Yellow Globe. Two weeks earlier than Southport; handsome, rich orange; fine shape and quality; good keeper.....	25	65	2 25
Mammoth Prizetaker. Unusually large and handsome yellow variety.....	25	65	2 25
Johnson's Long-Keeping Prizetaker. Very superior to the old Prizetaker, keeping equal to Globe Danvers. See Novelties, page 13.....	30	75	2 75
New Hardy Export. Extra early; a great keeper; makes fine sets.....	25	65	2 25
Ebenezer. (Novelty, 1908.) A new and very handsome brown globe onion. It is a perfect marvel in keeping qualities and fine uniform shape and color....	35	1 00	3 75
Australian Brown. New long keeper; early; fine quality; distinct color.....	15	45	1 60
Morse Brown Globe. (New). Deep globe, rich brown skin, fine keeper.....	20	60	2 00
Philadelphia Extra Early Red Flat. Very early; makes fine sets. (10 lbs., \$16.00).	20	50	1 75
Extra Early Red Globe Danvers. (New.) The earliest and best early red globe.	25	75	2 75
Johnson's Dark Red Beauty (Novelty, 1908). Much deeper and richer color than any other; the finest strain of red onion in the world; fine keeper.....	35	1 00	3 75
Extra Large Red Wethersfield. The most popular red sort. A fine keeper. We have an unusually large, superior and extra fine strain.....	25	70	2 50
American Extra Early Pearl. The earliest of all white onions; very large....	20	60	2 00
Philadelphia White Silver Skin, or Portugal. The best white onion for sets..	25	75	2 75
White Bunch. Very early; one of the best for bunching in a green state.....	25	70	2 50
THE BEST FOREIGN ONIONS.			
Red Bermuda. Very early; genuine Teneriffe seed, freshly imported.....	25	70	2 50
White Bermuda. Freshly imported from Island of Teneriffe.....	25	75	2 75
Hard Round Silver Skin. The best for pickling; uniform, small, round bulbs..	20	65	2 25
White Queen. Very early; grows rapidly; mild flavor; remarkable keeper....	20	50	1 75
White Adriatic Barletta. Earliest, neatest and smallest; valuable for pickling,	20	50	1 75
Mammoth Silver King. Handsome white flat onions, reaching enormous size..	20	50	1 75

CHOICE PHILADELPHIA-GROWN ONION SETS

Philadelphia-grown onion sets are the best in the world. They are hard, solid and good keepers. Prices vary with the market. We are headquarters. Write for prices in bushel and barrel lots.

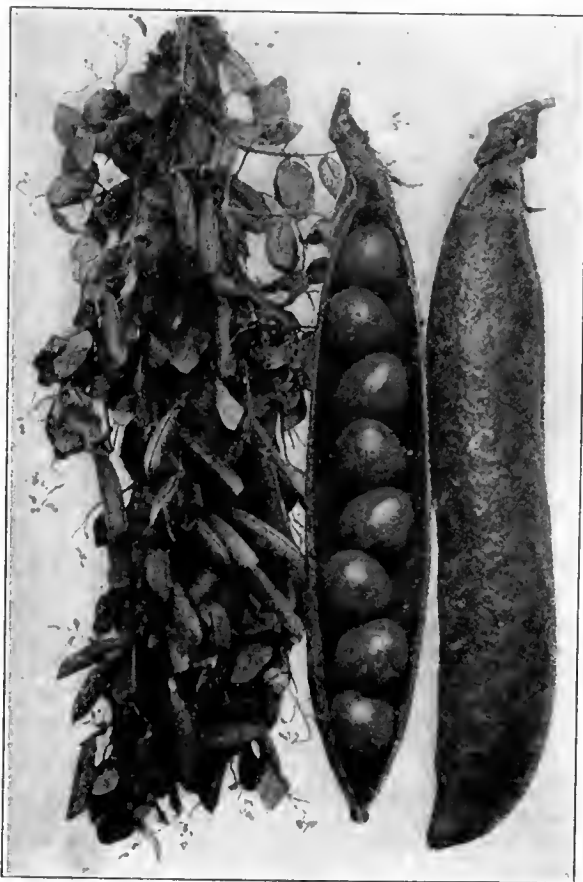
PHILADELPHIA YELLOW DUTCH, or STRASBURG, and PHILADELPHIA YELLOW DANVERS ONION SETS; each: per qt., 15c.; qt., by mail, postpaid, 25c.

PHILADELPHIA EXTRA EARLY RED SETS; per qt., 20c.; qt., postpaid, 30c.

PHILADELPHIA WHITE, or SILVER SKIN SETS; per qt., 25c.; qt., postpaid, 35c.

YELLOW OR RED POTATO and WHITE MULTIPLIER ONION SETS; each: per qt., 25c.; qt., postpaid, 35c.

The Best Northern Grown Seed Peas



A SINGLE VINE, WITH PODS NATURAL SIZE, ALONGSIDE OF JOHNSON'S RECORD EXTRA EARLY PEA.

One quart will plant 100 feet of drill. One and one-half to two bushels will plant one acre.

See page 14 for some remarkable New English Peas.

Johnson's Record Extra Early Pea

First introduced in 1898, is still in the lead as the earliest of all peas and most popular with truckers. It has produced good edible peas in forty-seven days from planting, a record that has never yet been beaten. It is the most uniform in ripening. A single picking will secure the entire crop. The heaviest cropper, containing one to two more peas per pod than any other first early. Height, 2 feet. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by express or freight, qt., 25c.; peck, \$1.75; bush., \$6.50; 5 bush. and over, \$6.00 per bush.

Large Podded Alaska Pea

A new and valuable strain from Canada of the popular Alaska Pea. The blue seed is the same as Alaska, and the vines grow to the same height, but more vigorously, and produce fully as early, large, deep green pods of almost double the size. Pkt., 10c.; pint, 25c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, \$2.25; bush., \$8.00.

Sutton's Excelsior Pea

This new pea takes the place in the **Extra Early** class that is now so acceptably filled by Stratagem and Telephone in the later sorts. It grows to a height of about 14 inches, showing a great abundance of its long, broad, straight pods of a pale green color. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postpaid; by express, qt., 30c.; peck, \$2.00; bush., \$7.75.

PEAS—Extra Early Varieties

Each of the following, 10c. per large packet.

We furnish $\frac{1}{2}$ pecks at peck rates, $\frac{1}{2}$ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

Johnson's Extra Early. The popular old and fine standard, Alaska. One of the earliest and most popular blue peas. . .
New Prolific Early Market. About a week later than Johnson's Record Extra Early, bearing heavily of large pods, First and Best. Very early; popular for market and shipping, Philadelphia Extra Early, Dan O'Rourke, Hancock. Each, . . .
***Thomas Laxton.** The finest early wrinkled pea, superior in earliness and hardness to Gradus; pods fully as large, enormously productive. (See illustration, next page) . . .
***Gradus, or Prosperity.** Magnificent new, large podded sort, . . .
***Gregory's Surprise.** (Eclipse.) Earliest wrinkled variety, . . .
***Nott's Excelsior.** An improvement on American Wonder, . . .
***American Wonder.** Well known and very popular . . .
***McLean's Little Gem.** Very prolific; a garden favorite . . .
***Extra Early Premium Gem.** Long, well filled, prolific pods,

Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
2	\$0 25	\$0 40	\$0 25	\$1 60	\$6 00
2	25	45	30	2 00	7 00
2	25	45	30	1 75	7 00
2½	25	40	25	1 50	5 75
2½	25	40	25	1 50	5 50
2	30	55	40	2 00	7 75
2½	30	55	40	2 75	10 00
1½	25	40	25	1 60	6 00
1	25	40	25	1 60	6 00
¾	25	40	25	1 60	6 00
1	25	40	25	1 60	6 00
1½	25	40	25	1 60	6 00
2	25	45	30	2 00	7 50
2½	25	45	30	2 00	7 00
1½	25	40	25	1 50	5 75
2	25	45	30	2 00	7 00
2½	25	40	25	1 60	6 00
3½	25	40	25	1 50	5 75

PEAS—Second Early and Medium

***Johnson's Second Early Market Garden.** Best and surest cropper; produces more pods than any other . . .
***McLean Advancer.** Fine standard sort; of excellent quality, . . .
***Abundance.** Long, round, well-filled pods; very prolific . . .
***Horsford's Market Garden.** Style of Advancer; very prolific, . . .
***Heroine.** Large, full pods; productive; quality perfect . . .
Improved Fillbasket. Excellent; one of the best for market,

The Thomas Laxton Pea



THOMAS LAXTON PEA.

This is the earliest large-podded wrinkled pea known, growing very vigorously, with vines about 2½ feet in length, with pods and peas of the very largest size, somewhat resembling the Telephone. It is astonishing that a pea with as fine large pods as this should be almost as early as the regular Extra Early Peas. The enormous pods are full with from six to ten wrinkled marrow peas of the most delicious flavor. Although it commences bearing so very early, it continues for a long time, the peas also remaining sweet and tender for a long time after they are fit to pick. Price, pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; by express, per qt., 40c.; 4 qts., \$1.40; peck, \$2.00; bush., \$7.75.

New Dwarf Champion Pea

This new pea possesses all the merits of the Champion of England, with less vine (26 inches), larger pods and more of them, and coming a little earlier. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by freight or express, qt., 25c.; peck, \$1.75; bush., \$6.00.

A GRAND NEW ENGLISH PEA

THE ALDERMAN

THE BEST PEA FOR MEDIUM AND LATE USE

Vine is very hardy, growing vigorously to a height of about 4 feet, unusually prolific. Handsome pods growing uniformly to larger size than any pea we have ever seen, and filled with eight to ten very large, delicious peas. Prices, pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by express or freight, qt., 40c.; peck, \$2.25; bush., \$8.50.

PEAS—Late or Main Crop Varieties

Each variety in large packets, at 10c. each.

We sell ½ pecks at peck rates, ½ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

	Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
		Pint.	Qt.	Qt.	Peck.	Bush.
*Duke of Albany. (American Champion.) Immense pods . . .	4	\$0 25	\$0 45	\$0 30	\$1 75	\$6 75
*Improved Stratagem. Large, full pods; quality fine . . .	2	25	45	30	1 75	6 75
Long Island Mammoth, or Telegraph. Large pods and peas, . . .	3½	25	40	25	1 40	5 25
*Telephone. Enormous pods and peas of first quality; prolific, . . .	4½	25	45	30	1 75	6 75
*Carter's Danby Stratagem. New pea from England. A great improvement on old Stratagem. (See page 15) . . .	2	30	55	40	2 25	8 50
Pride of the Market. Our greatly improved uniform strain, . . .	1½	25	45	30	1 75	6 75
*Champion of England. Well-known standard variety . . .	5	25	40	25	1 25	4 75
*Bliss' Everbearing. Peculiar branching vine; peas large . . .	2	25	40	25	1 50	5 75
*Yorkshire Hero. A spreading variety; very productive . . .	3	25	40	25	1 50	5 75
*Edwin Becket. A vigorous growing English pea, with pods almost as large as Gradus, but later . . .	3	25	45	30	1 75	6 50
Market Master. Hardest large podded late pea . . .	2	25	45	30	2 00	7 50
Royal Dwarf White Marrowfat. A favorite for market . . .	2½	20	30	15	85	3 00
Black-Eyed Marrowfat. Very hardy and prolific; poor quality, . . .	3	20	30	15	75	2 75
Canada Field. Grown with oats for fodder, also for pigeons . . .	5	15	25	10	50	1 75
Dwarf Sugar. Extra fine; pods used same as Snap Beans . . .	1½	25	45	30	1 75	6 25
Tall Melting Sugar. One of the best; large, broad pods . . .	5	30	50	35	2 00	7 25
Tall Gray Sugar. Immense pods of superior quality and snap, . . .	5	30	50	35	2 00	7 25
New Mammoth Podded Prolific Sugar. Largest and best of the edible podded sorts; broad, fleshy, tender pods . . .	3	45	85	70		



A single plant of **MARKET GARDENERS' BEST**. The best parsley for either the market or family garden.

Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 5 lbs., by express, \$4.25.



JOHNSON'S IDEAL HOLLOW CROWN PARSNIP



RUBY KING PEPPER. NEW CHINESE GIANT PEPPER.

PARSLEY—Seed Grown from Transplanted Plants

One ounce will sow one hundred and forty feet of drill.

Large packets of any of the following varieties, 5c. each.

- Emerald, or Dwarf Extra Curled.** Very handsome, bright green color.
- Extra Double Curled.** Very fine dwarf, dark green, crimped leaves.
- Hurst's Dwarf Garnishing.** Free from single leaves, vigorous grower.
- Market Gardeners' Best.** The finest garnishing parsley in cultivation. Most popular standard variety, standing heat, drought and cold better and yielding double that of any other. (5 lbs. and over, by express, 85c. per lb.)
- Champion Moss Curled.** Extra fine strain, very dark green (5 lbs., \$2.50)
- Plain, or Single.** The ordinary form, with plain leaves.
- Hamburg, or Turnip-rooted.** Grown only for its edible roots for soups, etc.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 65
10	20	60
10	25	90
10	30	1 00
10	20	65
10	20	55
10	20	60

PARSNIP

One ounce will sow about two hundred feet of drill; 5 lbs. will sow one acre.

Johnson's Ideal Hollow Crown. (New.) Improved Philadelphia strain; roots very smooth and handsome, not as long as the old Hollow Crown; of larger diameter and more easily gathered. By far the best and heaviest cropper.

See photograph above. Pkt., 5c. (5 lbs., by express, \$2.50)

Long Smooth Sugar. (Hollow Crown.) The old standard sort. Pkt., 5c.

10	20	65
10	15	50

PEPPERS

One ounce will sow one hundred yards of row.

We supply Peppers in regular large-sized packets, at 10c. per packet.

- Ruby King.** Very early; large, bright red fruit. One of the best for stuffing.
- New Ruby Giant.** Cross between Chinese Giant and Ruby King. See page 15, ...
- New Chinese Giant.** Largest pepper known, excepting New Ruby Giant.
- Large Sweet Bell, or Bull Nose.** Very popular old standard sort; very mild. ...
- Mammoth Golden Queen.** The largest and best of all the yellow peppers. Very showy; 5 to 6 inches long; best yellow pepper for stuffing.
- New Neapolitan.** Something extra fine; very early, medium size, grows upright, very smooth, sweet and mild, bright red color.
- Tomato Shaped.** Upright in growth, very prolific; scarlet.
- Long Red Cayenne.** True, long, narrow; hot, pungent and very productive.
- True Red Chili.** Small, hot, bright red peppers, very productive.
- Red Cherry.** Small, cherry-shaped, largely used for pickles.
- Bird's Eye, or Creole.** Smallest red pepper; extremely hot.

30	85	3 00
55	1 50	5 50
65	1 75	6 50
30	75	2 75
30	85	3 00
30	85	3 25
30	85	3 25
25	70	2 50
25	70	2 50
25	70	2 50
30	85	3 00



Harvesting a field of our Seed Potatoes at Houlton, Aroostook County, Maine.

SELECTED SEED POTATOES Grown in Maine

These are universally acknowledged to be the very best. Grown in the cold Northeast, where Nature and the elements alike decline existence to all but the very hardiest varieties. We make a specialty of and handle this seed solely. **Pure and true to name.** Prices quoted are for barrel sacks of 165 pounds each. We pack in full-size double-headed barrels at 25c. higher than prices here quoted. **Special prices by letter on lots of five barrels and over.**

PLEASE NOTICE

As prices are subject to market fluctuation, we would request that our customers send in their orders as soon as possible. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk.

POTATOES—Three barrels, 8 to 9 bushels, are required to plant one acre. Prices quoted are subject to market fluctuations.

	Peck.	Bush.	Bbl.
True Houlton, Maine, Early Rose. Pure and genuine, very fine and early . . .	\$0 70	\$2 00	\$4 00
Early Beauty of Hebron. Popular early sort, of excellent quality; productive, . . .	70	2 00	4 00
Early Thoroughbred. Earlier than Rose. More productive; light pink . . .	70	2 00	4 25
Bovee. Earlier than Early Ohio. Very prolific; fine marketable size; mealy . . .	70	2 00	4 25
Eureka Extra Early. Earliest of new sorts, regular shape, smooth white skin, . . .	70	2 00	4 50
Noroton Beauty. Introduced in 1905. Extra early; productive; good keeper, . . .	70	2 25	4 75
Crown Jewel. Very early, fine and productive; pink, . . .	70	2 00	4 50
Bliss' Triumph, or Stray Beauty. Early, round, red, { These three varieties are the most popular of all with Southern truckers. }	70	2 00	4 25
Pride of South, or White Bliss. Early, round, white, . . .	70	2 00	4 25
Irish Cobbler. Round, chunky, 80-day sort; popular for home market . . .	70	2 00	4 25
Norcross. Fine new main crop potato from Maine, white skin . . .	70	2 00	4 50
Rural New Yorker, No. 2. Fine for main crop; large, white, smooth, prolific . . .	70	2 00	4 25
State of Maine. Heavy cropping late oval variety; white skin and flesh . . .	70	2 00	4 00
Carman, No. 1. Fine medium or intermediate; very large shallow eyes; white, . . .	70	2 00	4 00
Green Mountain. Shape, oval; white skin; big cropper and splendid cooker . . .	70	2 00	4 00
Gold Coin. Fine table sort; very hardy, vigorous and productive, for main crop, . . .	70	2 00	4 25

SEED SWEET POTATOES

We make a specialty of Seed Sweet Potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. New Jersey grown sweet potatoes are everywhere acknowledged to be the best in quality, being much dryer and sweeter than those grown in the South and West, while their keeping and shipping qualities are away ahead. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys, and wish it distinctly understood that customers take **ALL RISKS** after we deliver in good condition to the express company here. We do not ship until about planting time unless specially ordered to do so. Our barrels contain 3 bushels. Full directions for bedding and sprouting the seed, setting out and cultivating sweet potato plants, also harvesting and storing for winter, will be found in our new **Leaflet-Essays on Sweet Potato Culture**, which we will send free with all orders when requested to do so.

VINELAND BUSH SWEET POTATO

The New Vineland Bush Sweet Potato originated on the farm of John Maytrott, the extensive sweet potato grower of New Jersey, from the well-known Early Nansmond and old Vineland Sweet Potato. It is a perfect bush, with no inclination for spinning, resembling a bean bush very closely. The tubers grow directly under the stalk. They are most abundant bearers, good flavor, handsome, rich yellow color and excellent keepers.

Prices: per lb., 40c.; 3 lbs., \$1.00, by mail, postage paid; **PLANTS OF THE NEW VINELAND BUSH SWEET POTATO**, ready May 15th: 50 for 50c.; 100 for 75c., by mail postage paid; 50c. per 100; \$4.00 per 1000, by express. 500 plants at 1,000 rates.

EXTRA EARLY CAROLINA, JERSEY "UP-RIVERS" AND EARLY NANSEMOND. The justly celebrated Philadelphia sweet potatoes, universally grown for market. Each, per peck, 70c.; bush., \$2.00; bbl., \$4.25.

Plants of the above, ready May 15th, 60c. per 100, by mail, postpaid; by express, 35c. per 100; \$2.50 per 1,000.



NEW WINTER LUXURY PUMPKIN. Excellent for pies. Fine winter keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.



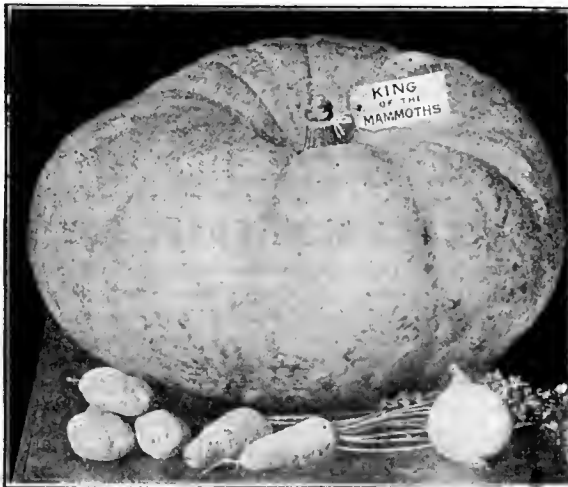
Field of BIG TOM PUMPKINS. Over 20 tons to the acre. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 45c.

PUMPKINS—A Select List of Standard Sorts

One pound will plant two hundred to two hundred and fifty hills; four to six pounds plant one acre. Large packets, 5c. each.

Cashaw, or Crook Neck. The old standard and popular Crook Neck Cashaw. Improved Green Striped Cashaw. Improvement on White Cashaw; green and white striped; flesh rich yellow, solid, fine grained, very thick and sweet. . . .
New Mammoth Golden Cashaw. The best Cashaw. Skin and flesh rich orange, Nantucket Sugar, or Negro. A New England variety with dark green skin. . . .
Small Sugar. Early, prolific; very thick sweet flesh; orange color; fine keeper, Tennessee Sweet Potato. Bell-shaped; white flesh, very thick and sweet. . . .
New Winter Luxury. Golden yellow, finely netted; shape round; flesh very rich; productive and unequalled as a winter keeper and cooking variety. . . .
Quaker Pie. Shape nearly oval. Cream-colored skin and flesh; fine quality. . . .
Calhoun Pumpkin. Nearly round, somewhat flattened on the ends; skin creamy brown; flesh deep salmon yellow, thick, fine grained, excellent for pies, etc. . . .
Mammoth Bright Red Etampes. Glossy red, flat, growing very large. Pkt., 10c., Mammoth Tours, or Citrouille. Very large; used in France for feeding cattle, Large Sweet Cheese, or Kentucky Field. Light yellow, productive and popular, Common Yellow, or Connecticut Field. Very productive; grown largely for feeding stock (by express or freight, 10 lbs. for \$2.25; bush., 25 lbs., \$5.00),

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 25	\$0 80
10	25	90
10	25	90
10	25	90
10	20	70
10	25	90
10	25	90
10	25	90
10	20	75
20	45	1 50
10	25	85
10	20	60
5	10	35



KING OF THE MAMMOTHS PUMPKIN. Photographed with Potatoes, Carrots and Onion for comparison as to size.

BIG TOM FIELD PUMPKIN

This new pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. So carefully has the selection been made, that the Big Toms will run uniformly to more than twice the size and weight. See photograph above. Skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For canning, table use and stock feeding no more profitable or better variety can be grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 45c.

KING OF THE MAMMOTHS

The Greatest of all Exhibition Pumpkins

No other ever introduced has reached such enormous weights, often 150 lbs. and over, and been awarded as many prizes. The flesh and skin are golden yellow, and notwithstanding its enormous size, it makes a good table and pie pumpkin. Price, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

A Special Collection of Mammoth Pumpkins for 15 Cents

As an extra inducement for customers to give our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Mammoth Tours, and Big Tom, giving a magnificent collection of 4 great Mammoth Varieties for only 15 cents.



A section of field at our Bristol Seed Farm, Bucks County, Pa., showing our crop of NEW EARLY SNOW-WHITE BOX RADISH in full bloom, just before seeding. See photograph of radish, bottom of this page.

Popular Early and Summer RADISHES

We supply large packets of any variety at 5c. each

	Per oz.	¼ lb.	Per lb.
Extra Early Scarlet Turnip. Very early; small, round (5 lbs., by express, \$2.50),	\$0 10	\$0 20	\$0 65
Earliest Round Dark Red. (Scarlet Button.) Very fine and early; deep color,	10	20	65
Startle, or Twenty-Day Forcing. (Red Rocket.) The earliest half-long red . .	10	25	85
Johnson's Olive-Shaped Scarlet. Extra Philadelphia market garden strain . .	10	30	1 00
Crimson Giant. (New.) Large, round, red, forcing, equally good for outdoor culture,	10	30	1 00
Scarlet Turnip, White Tip. Popular (5 lbs. and over, by express, 50c. per lb.) .	10	20	65
Rosy Gem, or Rapid Forcing. Resembles above in color; a week earlier . . .	10	25	80
Double Quick White Forcing. (New.) Very early; handsome long, pure white,	10	25	90
White Icicle. Finest and longest of very early pure white varieties . . .	10	25	80
Felton's White Box. Round; skin and flesh pure white (5 lbs., \$2.75, by express),	10	20	65
French Breakfast. Olive-shaped; red, tipped with white; very handsome . .	10	25	75
Olive-Shaped Golden Yellow. (Surprise.) Earliest yellow; fine for early or summer,	10	25	75
Newcom. Earliest, best and largest half-long white (5 lbs., \$3.25, by express) .	10	25	75
Philadelphia Gardeners' Long Scarlet. A great improvement on old Long Scar-			
let; earlier; shorter top; better shape and color; fine keeper (5 lbs., \$3.00) .	10	20	70
Cincinnati Market. Superior to Wood's Frame. Long, smooth, very small top,	10	20	65
Long Brightest Scarlet, White Tipped. (Long Cardinal.) New French sort . .	10	25	75
Chartier, or Shepherd. Large, long summer radish; scarlet, with white tip .	10	20	60
New White Chartier. Improvement on above; earlier; pure white and handsome,	10	25	75
White Strasburg. The most popular and best half long summer (5 lbs., \$3.75),	10	25	85
Lady Finger, or Long White Vienna. One of the best (5 lbs., \$2.50) . . .	10	20	60
Large White Summer Turnip, or Globe. Very popular (5 lbs., \$2.50, by express),	10	20	60
Improved Large Yellow Summer Turnip. Improved shape, fine (5 lbs., \$2.50),	10	20	60



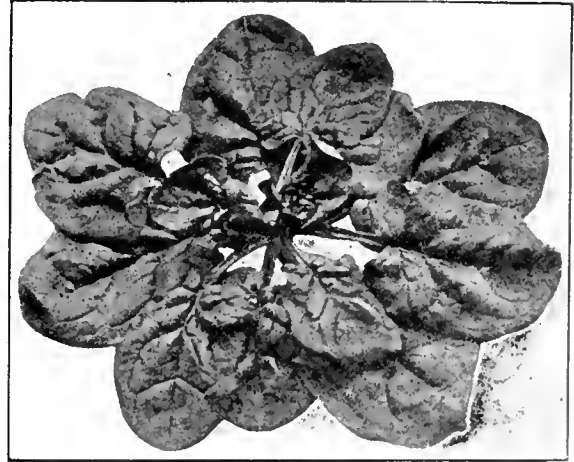
SCARLET OR CARDINAL GLOBE. The most popular red radish. Selected French grown seed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.



NEW EARLY SNOW-WHITE BOX. The very earliest and best round white radish for forcing or out-door planting. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.



Improved Half-Long Black Spanish Radish. (New.) One of the best for late summer and autumn planting. Flesh mild, sweet and never pithy. If stored in damp sand in the cellar they will keep all winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.



Henderson's "Long Season" Spinach. (New.) Keeps in firm, fresh condition, never wilting in the hottest weather; spreading flatly on the ground. Leaves much crumpled and blistered. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 45c., postpaid; lb., 35c.; 5 lbs., \$1.50; 10 lbs., 25c. per lb., by express.

ALL SEASONS AND WINTER RADISHES. Packets, 5c. each.

New Round Scarlet Chinese. Valuable either as a winter or summer radish.. \$0 10
New Celestial, or White Chinese. Very large. Valuable for summer or winter, 10
China Rose Winter. One of the best and most popular for winter use..... 10
Round Black Spanish. Fine globe-shaped winter; popular with Germans.... 10
Long Black Spanish. Large winter variety; very hardy, keeping until spring.. 10

Per oz.	$\frac{1}{4}$ lb.	Lb.
10	30	\$1 00
10	30	1 00
10	20	60
10	20	70
10	20	60

RHUBARB OR PIE PLANT

Large Victoria. An excellent cooking variety; selected seed (pkt., 5c.) 15
Rhubarb Roots. Early Strawberry and Victoria. Each, per large root, 15c.; doz., \$1.00; 100, \$4.00, by express; by mail, postpaid, 20c. each; \$1.50 per doz.

15	35	1 10
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SALSIFY OR OYSTER PLANT

Mammoth Sandwich Island. By far the largest and best for market or home, 15
Wisconsin Golden. (New.) Light golden tinge; tender and delicious..... 15

15	40	1 40
15	40	1 50

SPINACH

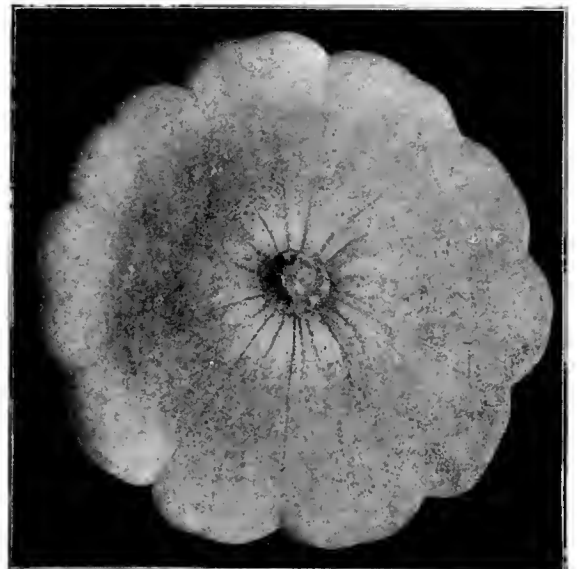
One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre. Large packets, 5c. each. If by express, deduct 10c. per lb.

American Round-Seeded Savoy, or Bloomsdale. Most popular for market.. 10
New Victoria. Extra dark, black-green color, splendid for spring sowing..... 10
Parisian Long Standing. Will stand 2 weeks longer without running to seed.. 10
Giant Thick Leaved Round. (Improved Viroflay.) Large, dark green leaves, 10

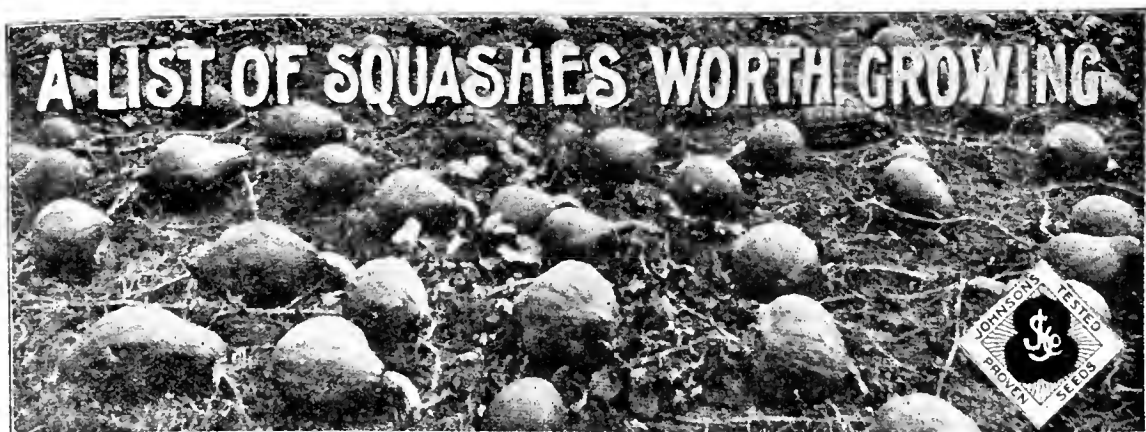
10	15	35
10	15	35
10	15	40
10	15	35



PARISIAN LONG STANDING SPINACH Showing its strong growth.



NRW EXTRA EARLY JERSEY WHITE BUSH. The earliest squash.



Section of our field of RED OR GOLDEN HUBBARD SQUASHES, growing for seed. This new variety is as fine in quality and even more productive than the old original Hubbard. Choice seed, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

One ounce will plant twenty to forty hills. Four to six pounds will plant one acre.

Large packets of any of the following varieties, 5c. each.

THE BEST SUMMER SQUASHES

	Per oz.	$\frac{1}{4}$ lb.	Per lb
White Bush Scallop. The well-known white Patty Pan (5 lbs., \$2.75, by express),	\$0 10	\$0 20	\$0 70
Mammoth White Bush (Silver Custard). Grows to twice the size of above . . .	10	20	75
New Extra Early Jersey White Bush. An improved extra early strain of the old White Bush. Selected and improved by a New Jersey grower. Very productive and shows less ridge or scallop, containing a larger amount of flesh,	10	30	1 00
Early Golden, or Yellow Bush. Differs from White Bush only in orange color,	10	20	75
Golden Custard. Very large Golden Yellow Bush; fine for market	10	20	75
Giant, or Mammoth Summer Crookneck. Very fine; best of the Crooknecks,	10	25	85

FALL AND WINTER SQUASHES

Boston Marrow. Bright orange; skin and flesh of very superior quality; a splendid winter keeper and most popular for autumn use and canning . . .	10	20	60
Early Prolific Orange Marrow. Earlier than Boston Marrow; very productive,	10	25	75
New Golden Bronze. Fine. Flesh golden-yellow, tender. Excellent keeper .	10	25	85
Hubbard. The old favorite; popular winter squash; dark green skin; rich flesh,	10	20	60
Red, or Golden Hubbard. A perfect type of its parent, with red skin.	10	30	90
Chicago Warty Hubbard. Improvement on Hubbard; skin heavily warted .	10	30	85
Fordhook. Early, sweet and dry; also a good summer variety; form oblong . .	10	30	1 00
Mammoth Chili. The Jumbo of all squashes, often weighing 200 pounds and over .	15	40	1 40



A Section of one of our Fields of Vegetable Trials, Photographed in August.

TOMATO SEEDS FROM SELECTED FRUIT

All our Tomato Seeds are grown especially for seed and from seed stocks carefully selected and saved by ourselves. We challenge comparison of our stocks with any offered.

One ounce will produce about thirteen hundred plants.

With your order, ask for our NEW LEAFLET ESSAY ON TOMATO CULTURE. Free with your order.



Photograph of JOHNSON'S JACK ROSE TOMATO as it appears for sale on the fruit stands during the early spring months.

JOHNSON'S JACK ROSE TOMATO—The Earliest Yet

Its wonderful productiveness is shown in the illustration of a single plant, made from a photograph, on page 16. See also front cover.

Prices for 1909: Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

JOHNSON'S NEW GIANT BEAUTY TOMATO

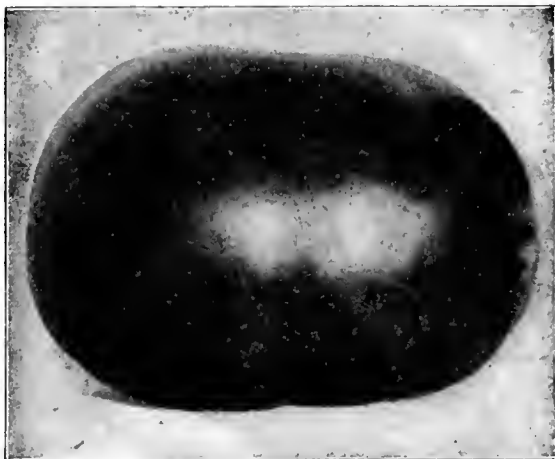
The best second early Tomato. See colored plate on back of this book, also illustration and testimonials, page 17. Pkt., 25c.; 5 pkts., \$1.00; oz., \$2.00; 2 ozs. for \$3.50.

JOHNSON'S JUNE PINK TOMATO

Johnson's June Pink Tomato is a Pink Earliana, ripening fully as early. The plant is neat and compact, branching freely, with fruit hanging in clusters. Yielding as much fruit, which is of medium size, uniform, smooth, without cracks or green core. The skin is a pleasing pink color, reasonably tough, so that it is excellent for shipping purposes. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

BURPEE'S EARLIEST PINK TOMATO

Medium size, solid, bright pink, borne in clusters. In our trials the past two seasons we found it very early, productive and altogether a fine early tomato. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



JOHNSON'S STONE TOMATO, from Our Extra Selected Seed.
Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

CHALK'S EARLY JEWEL

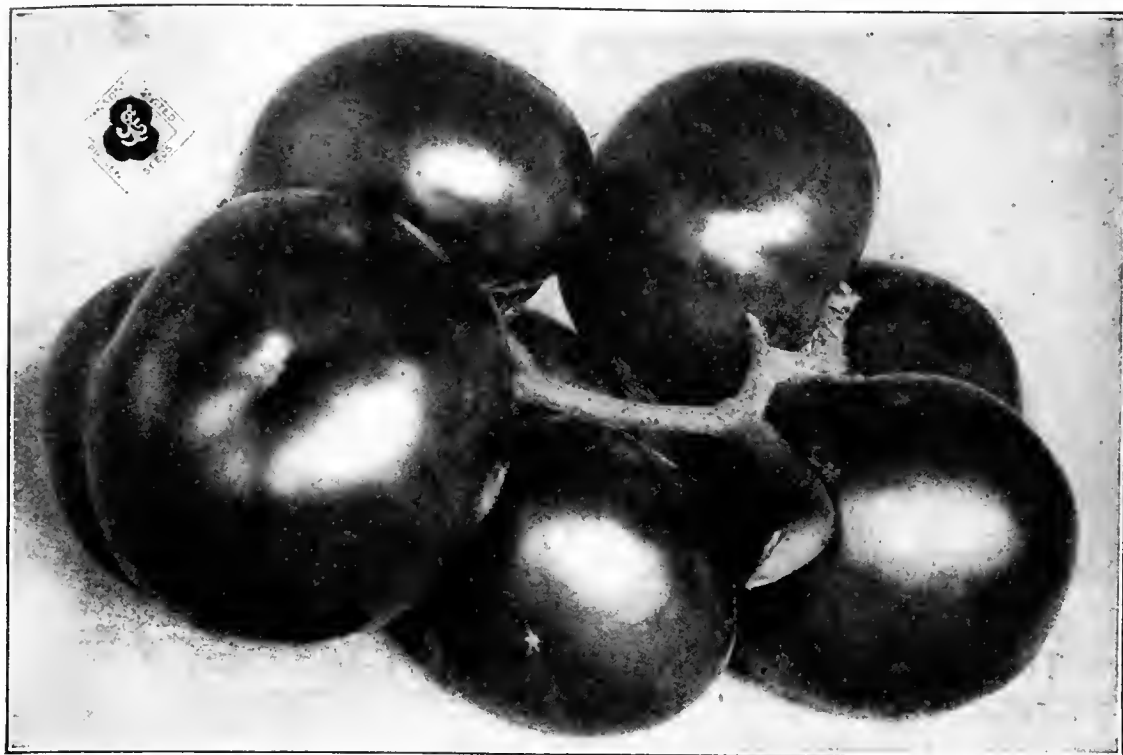
Heavy cropper, fine, large red fruit, sweet flavor, about two weeks later than Earliana; ripening up to the stem, without cracks or green core; flesh thick and solid, with few seeds. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

JOHNSON'S STONE TOMATO

We have a very fine strain of this standard and most popular late, red, smooth variety. It is particularly calculated for canning in glass jars whole. It is very solid; no core and very few seeds. They maintain their size all through the season, and are the best for late summer use.

From extra selected seed stock, grown by ourselves. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Grown in Michigan from selected stock.
Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Photograph of a Single Cluster of JOHNSON'S IMPROVED STRAIN NO. 10 SPARKS' EARLIANA. See page 17.

SPARKS' EARLIANA TOMATO

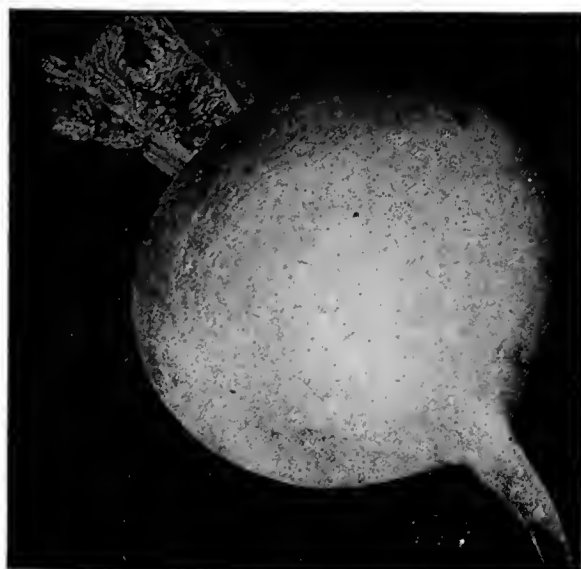
Discovered and named by the writer, Herbert W. Johnson. Has proven one of the most successful novelties ever introduced. It has stood the test—the test of all novelties, that of time—and still ranks—one of the largest very early smooth tomatoes in the world. Be sure that you get the pure selected and true stock from Headquarters—The Johnson Seed Company.

SPARKS' EARLIANA TOMATO, True Stock: Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
Price of JOHNSON'S IMPROVED No. 10 STRAIN: Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

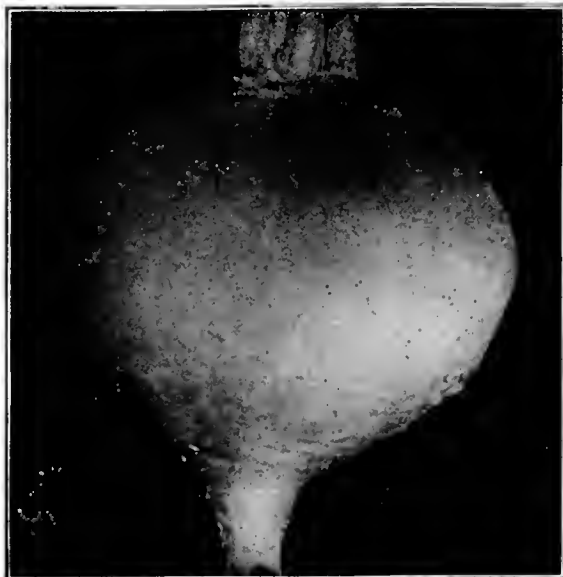
Select List of Standard TOMATOES—SEED OF OUR OWN GROWING

In regular size large packets, each, 5c. per packet, except where noted.

	Per Oz.	$\frac{1}{4}$ Lb.	Per Lb.
Early Paragon. Bright red; productive; standard for market and canning . . .	\$0 20	\$0 50	\$1 50
Livingston's Perfection. Early; large size; very productive; fine blood red . .	20	50	1 50
Livingston's Favorite. Large, smooth, productive; a good shipper and canner .	20	50	1 60
Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form .	20	60	2 00
Early Acme. Bright pink; smooth, round, uniform size; productive and popular,	20	50	1 60
Henderson's Tenderloin. A new meaty, crimson, solid, second early; pkt., 10c.,	35	1 00	3 50
Atlantic Prize. Extra early; bright red; smooth, solid; profitable; pkt. 10c. .	20	50	1 75
Buckeye State. Very large, solid, meaty; deep purple; heavy cropper; pkt., 10c.,	25	70	2 50
Lorrillard. Best for greenhouse forcing; bright glossy red; very smooth; pkt., 10c.,	25	75	2 75
Livingston's Globe. Globe shape; smooth, large, productive; pkt., 10c. . . .	30	85	3 00
The Matchless. Large bright red; solid, heavy; will keep ten days after being			
picked; yields all season; pkt., 10c.	25	70	2 50
Success. Large, smooth, bright scarlet; second early; pkt., 10c.	25	65	2 25
Truckers' Favorite. Large, solid and productive; color of Acme; pkt., 10c. . .	25	70	2 50
Johnson's Blight-Proof. Best for South, large red, smooth; pkt., 10c.	50	1 25	4 50
Brandywine. Finest late; large, solid, smooth, bright red; prolific; pkt., 10c. .	25	75	2 75
Ponderosa. The largest variety in cultivation; a monster; pkt., 10c.	40	1 10	4 00
Ignotum. One of the earliest large, red, smooth varieties; productive; pkt., 10c.,	25	60	2 00
Dwarf Champlon. Early; fruit resembles Acme; foliage upright; pkt., 10c. . .	25	65	2 25
The Great B. B. Brinton's Best. One of the very best of the second early and			
main crop tomatoes; large, red, smooth and solid; pkt., 10c.	25	75	2 75
Santa Rosa. Main crop, mammoth, solid, meaty, almost seedless; brilliant color,			
fine for home garden; pkt., 10c.	30	1 00	3 00
Yellow Plum. Plum shape; bright yellow; used for pickles; pkt., 10c.	25	70	2 50
Clusterosa Yellow Egg. Small yellow; best for preserving; pkt., 10c.	25	70	2 50
Red Cherry. An inch in diameter; borne in clusters; for pickles; pkt., 10c. . .	25	70	2 50



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.



MYERS' PURPLE-TOP BEAUTY RUTA-BAGA.

TURNIPS AND RUTA-BAGAS, OR SWEDES

One ounce will sow one hundred and fifty feet of drill; one to one and one-half pounds will sow an acre.

Large packets of any variety, 5c.; 15c. per lb. may be deducted for 5-lb. lots.

	Per oz.	¼ lb.	Per lb.
Early Snowball. Very handsome; extra early, pure white, tender and sweet . . .	\$0 10	\$0 20	\$0 60
Purple-Top Flat. (Strap-leaved.) Well-known standard popular early sort . . .	5	15	45
Early White Flat Dutch. Very popular for spring sowing; fine for market . . .	5	15	45
Early Red-Top White Globe. Early, productive and popular for market . . .	5	15	50
Mammoth Purple-Top Globe. An improvement on Red-Top White Globe, . . .	10	25	70
Purple-Top Milan. (True.) The earliest flat turnip; a very shy seeder . . .	10	25	75
Extra Early White Milan. Same as the Purple-Top Milan, except white skin . . .	10	25	80
Early White Egg. Very handsome; pure white; excellent for early or late . . .	10	20	55
Pomeranian Large White Globe. Useful for both table and stock; very large, . . .	10	20	55
Long Cow Horn, or White French. Very heavy cropper; best for stockmen . . .	5	15	50
Golden Ball, or Orange Jelly. Small; very early; fine quality and flavor . . .	5	15	50
Yellow, or Amber Globe. Vigorous grower; fine keeper; popular for market, . . .	5	15	50
Yellow Aberdeen, Globe-Shaped. Very large; fine for table or cattle . . .	10	20	55
Budlong, or Breadstone. Very early half-long white; fine table sort . . .	5	15	50
Rhode Island White Rock. Early, productive and very handsome . . .	10	25	70
Monarch, or Elephant Ruta-Baga. Large, oval-shaped; yellow flesh . . .	10	20	55
Long Island Ruta-Baga, Purple Top. Very large; fine yellow flesh . . .	10	20	60
Myers' Purple-Top Beauty Ruta-Baga. An improved market garden sort, . . .	10	25	65
Improved Purple-Top Yellow Ruta-Baga. Our finely bred strain; very popular, . . .	10	20	55
Large White Ruta-Baga. Very large and productive; white skin and flesh . . .	10	20	55
Seven Top. Very hardy; grown for leaves, which are used as greens or salads . . .	5	15	50

SEEDS OF POT, SWEET AND MEDICINAL HERBS, ETC.

All Herbs in Large Packets at 5 cents each, except where noted

	Per oz.	¼ lb.	lb.		Per oz.	¼ lb.	lb.
Anise. Seeds aromatic . . .	\$0 10	\$0 25	\$0 90	American Sweet Marjoram.			
Balm. For culinary purposes, . . .	20	65	2 25	Superior to imported; seed			
Borage. Used for flavoring, . . .	15	40	1 25	of own growing. Pkt., 10c.,	\$0 40	\$1 00	\$3 75
Sweet Basil (Broad-Leaved), . . .	15	45	1 50	Imported Sweet Marjoram,	15	40	1 25
Caraway Seed. For flavoring, . . .	10	25	75	Rosemary. For seasoning			
Catnip (Cat Mint). Pkt., 10c., . . .	35	1 00		and aromatic oil. Pkt., 10c.,	30	85	3 00
Chervil. Used like parsley, . . .	10	25	75	Rue. Has medicinal qualities,	20	50	1 75
Chicory. Large rooted . . .	10	20	60	Saffron. Medicine and dyeing,	10	30	90
Coriander. Seeds aromatic, . . .	10	20	60	Sage. Most used of all herbs,	20	45	1 50
Dill. For flavoring vinegar . . .	10	20	60	Sorrel. (Large-Leaved.) Cul-			
Fennel. (Sweet) . . .	10	25	75	tivated for acidity . . .	10	30	1 00
Fennel. (Florence) . . .	20	50	1 75	Summer Savory. Culinary,	10	30	1 00
Horehound. Pkt., 10c., . . .	25	75	2 50	Winter Savory. Flavoring,	20	50	1 75
Hyssop. Medicinal. Pkt., 10c., . . .	25	75	2 50	Tansy. For bitters. Pkt., 10c.,	35	1 00	3 50
Lavender. For oil and water, . . .	20	50	1 60	Thyme. Broad-leaved. Pkt., 10c.,	25	75	2 50
Marigold, Pot. For soups . . .	15	45	1 50	Wormwood. For poultry . . .	15	40	1 40



Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of the business and made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. Note our reasonable prices for the quality we furnish.

JOHNSON'S THOROUGHbred FIELD CORN

Selected for Seed—Tested for Vitality
No Better to Be Had at Any Price

THE 100-DAY BRISTOL FIELD CORN

When a few years since, before naming and introducing it, I first saw this corn growing in the field, with its **enormous stalks and fodder**, one-half again as high as an ordinary-sized man, and its magnificent ears, averaging nearly a foot in length, as shown in the photograph, I was inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of customers, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow; the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. It is very high in protein, making it a fine ensilage corn. In fact, it is a **perfect field corn in all respects**. Prices, pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, shelled, peck, 60c.; bush., \$1.70; sack of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush.; 50 ears, \$2.75; 100 ears, \$5.00, sacks included.

WHAT OTHERS SAY OF JOHNSON'S SELECTED FARM SEEDS

"Your **100-Day Bristol** is the best field of corn in this section. The Potatoes from your seed are also away above the average."—HOWARD VAN SYCKLE, Lebanon, N. J.

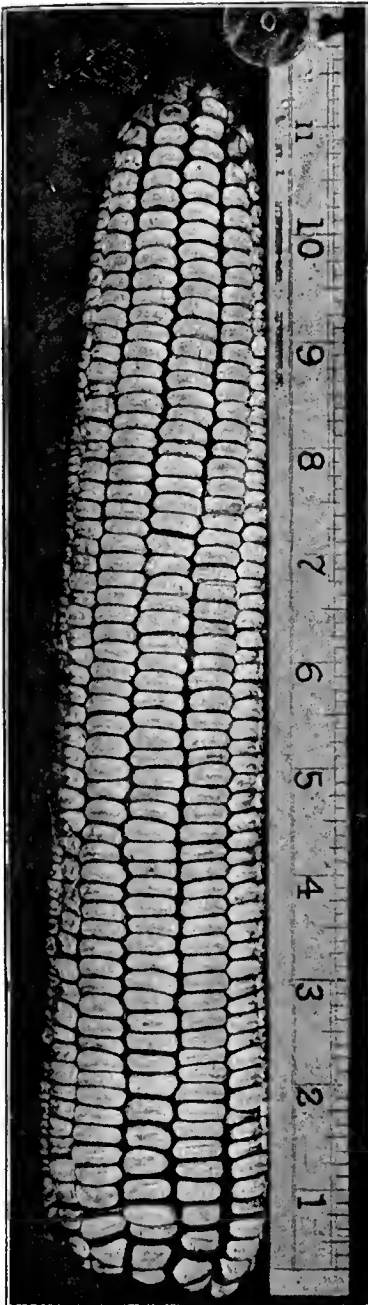
"I had a very fine lot of corn last year from your **Improved Leaming** seed. It was planted near the road, and every farmer who saw it wanted to know where I got my seed. I have referred a number to you from this section."—D. T. LINDLEY, Canton, Pa.

"All who have seen my crop of **Austin's Colossal Corn** are astonished and loud in its praise. I shall send you a photo of an ear that is 19 inches long. It is a most wonderful corn."—JOHN C. FOHLIGER, Cincinnati, O.

"I am more than pleased with your **Austin's Colossal Yellow Dent Corn**. It is a wonderful grower, yielding more than double any other corn grown here."—A. J. MCCHESENE, Andrew, Ia.

"I raised 50 lbs. of **Washington Oats** from one pound of seed I purchased from you. They gave 17 to 21 stalks from each kernel, beating all others I have ever grown."—A. A. HALL, Agate, Ore.

"Your **Golden Fleece Oats** yielded 50 bushels to the acre; they are the finest and heaviest oats grown in this section."—FRANCIS T. MORRELL, Torresdale, Pa.



Average ear, 100-DAY BRISTOL CORN.

Austin's Colossal

Yellow Dent Corn

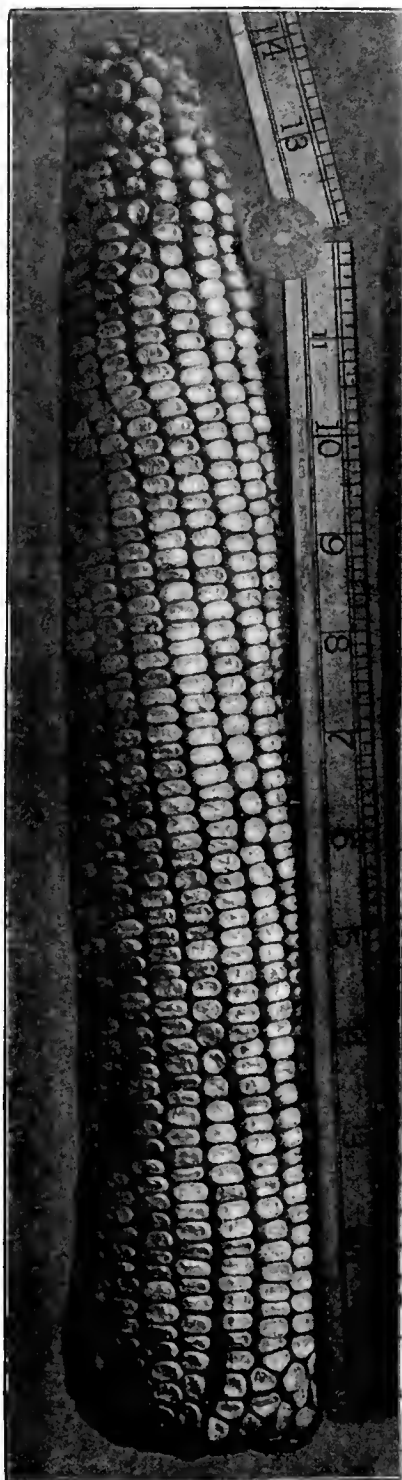
A wonder in large size of ears, uniformly over a foot in length, as shown in photograph alongside

The Highest Average Yields

The writer first saw this new corn while visiting the Pan-American Exposition at Buffalo, in 1901. Of the hundreds of varieties there exhibited, from almost every State in the Union, it carried off the honors, and I feel justly proud in being the first to procure the seed from its experienced originator, Mr. H. W. Austin, to offer for sale. The yield on the farm of the originator in past seasons has averaged over 100 bushels to the acre, and in the most unfavorable seasons it has never given anything but a good yield of its magnificent ears, borne two to a stalk, ripening in 115 to 125 days from planting; grain deep, rich yellow, very heavy, and will sell for the highest prices on any market in the land; stalks medium, not too large, and produce enormously on both light and heavy land. Prices for 1909: lb., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, sacks included, peck, 60c.; bush., \$1.70; bag of 2 bush. for \$3.25. On ear, 25 ears for \$1.75; 50 ears for \$3.00; 100 ears for \$5.00.

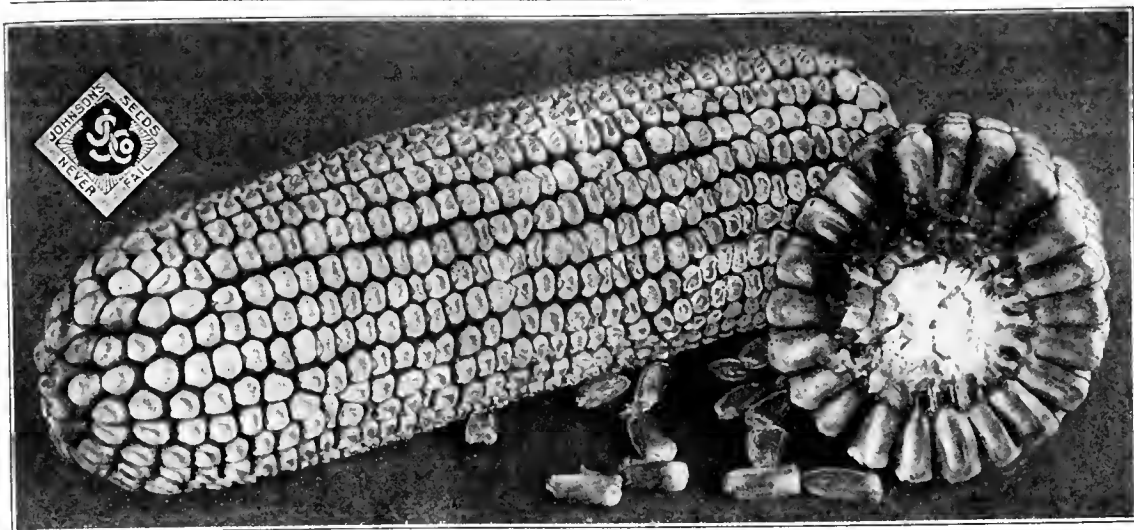
Improved Leaming Corn

I feel it a great honor to have been the first to call attention to the great value of the **True Improved Leaming Corn**, twenty years ago, since which time it has grown in popularity each season, and is now catalogued by nearly every seedsman in America. It is probably more largely planted now, both in the Northern and Southern States, than any other field corn known. This and the **100-Day Bristol Corn**, on the preceding page, are by far the earliest and best large-eared Early Yellow Dent Corns in cultivation. The ears are **large and handsome**, with **good, deep grain**, of deep orange color and small red cob. Stalks grow to medium size (not large), with few suckers, slender and leafy, making most excellent fodder, producing two good ears to each stalk; husks and shells easily. It ripens in 90 to 100 days, and never fails to make a good crop even in dry seasons, by reason of its earliness in maturing and strong, vigorous growth. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive, and also in the extreme Northern States and Canada, where it has become very popular for fodder and ensilage purposes. Much of the so-called Leaming Corn of other catalogues is not the true stock as originated and improved by Mr. Leaming. We offer seed grown by ourselves in Chester County, Pa., from Mr. Leaming's original improved strain. Prices, by mail, postpaid, pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, bags included, qt., 15c.; peck, 60c.; bush., \$1.60; sack of 2 bush., \$3.10; 10 bush. and over, \$1.50 per bush.; ears, 50 for \$2.75; 100 for \$5.00.



AUSTIN'S COLOSSAL YELLOW DENT, absolutely the largest field corn in cultivation. Our seed selected and grown by the originator.

Our crops of Seed Corn grown in 1908 are the finest in quality we have ever had, having been grown and selected entirely by expert growers in Chester, Bucks and Delaware counties, Pennsylvania, which adjoin Philadelphia. The unusually fine weather during the fall has given large yields of thoroughly matured and very dry corn.



Johnson's Giant Beauty Field Corn

Giant Beauty is a cross between Cloud's Early Dent and Golden Beauty, possessing the earliness and deep grain of the former, with the handsome, deep yellow color of the latter. Its rich, deep golden color indicates its strong, nutritive qualities. It is a very vigorous grower, averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, sacks included, peck, 65c.; bush., \$1.75; sack of 2 bush., \$3.30; 10 bush. and over, \$1.60 per bush.; 50 ears, \$2.75; 100 ears for \$5.00.

Corn—Standard Old Varieties

Prices of the following eight varieties, each, per pkt., 10c.; lb., 25c.; 3 lbs. for 70c., postpaid, by mail. By express or freight, quart, 15c.; peck, 55c.; bushel, \$1.60; sack of two bushels, \$3.10; ten bushels or more at \$1.50 per bushel, sacks included.

IMPROVED SNOW-WHITE DENT. The earliest, most prolific and best white corn in cultivation. The stalk grows so remarkably quick that it is seldom caught by drought. Ears large and ripen in 105 to 115 days.

PERFECTED GOLDEN BEAUTY. A large, broad-grained yellow corn, maturing in 110 days from planting.

LEGAL TENDER YELLOW DENT. Originated in Iowa. Very productive, ear large, with deep yellow grain on a small cob; stalk 9 to 10 feet, and matures in 110 to 115 days.

DELAWARE COUNTY DENT. Very productive; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from time of planting.

FARMERS' FAVORITE GOLDEN DENT. Early, with large ears; productive and adapted to thin soil.

CHESTER COUNTY MAMMOTH. Grain large, deep and bright yellow; stalk large, averaging 12 feet.

EARLY YELLOW CANADA FLINT. Well adapted to the North and for late replanting.

HICKORY KING. The largest-grained and smallest-cobbed pure White Dent Corn in cultivation.

Ensilage and Fodder Corn

RED-COB ENSILAGE. This new and superior ensilage corn we can recommend as the **heaviest cropping variety**, producing 50 to 75 tons per acre. It is a pure White Dent Corn, growing on a red cob. The fodder is sweet, tender, juicy, grows 13 to 14 feet in height. Peck, 45c.; bush., \$1.35; 10 bush. and over, \$1.25 per bush., sacks included.

BLUNT'S PROLIFIC ENSILAGE. Also called Mammoth Ensilage. Has produced 70 tons of fodder to the acre, and is one of the most popular. Peck, 60c.; bush., \$1.70; sack of 2 bush., \$3.30; 10 bush. and over, \$1.60 per bush.

SUGAR CORN FOR GREEN FODDER. Especially grown for fodder purposes, of quick growth, valuable for feeding green, cutting for ensilage, or curing for fodder. Bush., \$1.50; 5 bush. and over, \$1.00 per bush.

Seed Barley

NEW MANSHURY. Earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.50.

SPRING BARLEY. Most popular in the North. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.50.

Spring Wheat

SASKATCHEWAN FIFE. This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. Pkt., 10c.; lb., 55c.; 3 lbs., \$1.00, postpaid; by express or freight, peck, 65c.; bush., \$2.00; 5 bush. and over, \$1.85 per bush., bags included.

SPRING RYE

Distinct from the winter rye; grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff, 7 to 8 feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid; peck, 50c.; bush., \$1.50; 5 bush. and over, \$1.45 per bush., bags included.

BUCKWHEAT FOR SEED

NEW JAPANESE. The kernels are nearly twice the size of any other, of a rich dark brown color, and manufacture a superior flour. It has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Pkt., 10c.; lb., 25c.; 3 lbs., 65c., postpaid; qt., 15c.; peck, 45c.; bush., \$1.50; 5 bush. and over, \$1.40 per bush., sacks included.

SILVER HULL. Qt., 15c.; peck, 45c.; bush., \$1.50.



SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.

Choice Northern Grown Seed Oats EXTRA CLEANED

NEW WASHINGTON

The seed of this new white oat was first procured from Professor Carlton, of the U. S. Department of Agriculture, who pronounced them at the head of the Oat kingdom.

Prof. Moore, at experimental station, says: "New, heaviest, thinnest hull, stiffest straw, best of thirty-six varieties; weight, 36 to 40 lbs. measured bushel." A small field of 2 acres yielded 227 bushels. Our grower in Ontario County, N. Y., says: "They are the finest oats we have ever grown; straw 4 to 5 feet tall; many heads 10 to 12 inches long (as shown in our photograph alongside); they do not rust; stand up well; the plump meats make it the greatest of all oats." One of the largest and most experienced oat growers in Chester County, Pa., says: "Its wonderful productiveness is far beyond what the most enthusiastic farmers in this section ever expected to realize." Another says: "Twenty bushels per acre more than Welcome or Lincoln." Another grower says: "The best oats we have ever grown; about one week earlier than others; stand up well; do not rust; yield over 90 bushels per acre."

Prices for 1909. Choice seed grown in Ontario County, New

York. Per lb., 35c.; 3 lbs. for \$1.00, by mail, postage paid. By freight or express: Per peck, 65c.; per legal bush. (of 32 lbs.), \$1.75; sack of 3 legal bush. (96 lbs.) for \$5.00; 10 bush. and over, \$1.50 per bush.

GOLDEN FLEECE OATS

This splendid oat was first introduced in 1901, and hundreds of our customers have written us of its merits. It is, without doubt, one of the heaviest croppers, with possibly the exception of the **New Washington**, described above. The grains are white, plump and handsome. The straw is very strong and stands up well. The blade is double the size of ordinary oats, which attests the vigor and productive capacity of the strain. On account of its heavy stooling property, 6 pecks (1½ bushels) is sufficient to seed an acre.

Price, per lb., 25c.; 3 lbs., 60c., by mail, postpaid; by freight or express, peck, 45c.; legal bush. (32 lbs.), \$1.40; sack of 3 legal bush. (96 lbs.), \$4.00; 10 bush. and over, \$1.30 per bush., sacks included.

TARTAR KING OATS

This grand new and prolific white oats has been thoroughly tested in different sections and is highly spoken of. It seems to be adapted to all soils, has a robust and vigorous constitution, is quite early and an immense cropper; straw being long and stout, stands up well and does not readily lodge. The kernels are of large size, thick, plump and heavy. **Prices same as for Golden Fleece, described above.**

STANDARD VARIETIES

Prices of each of the following **Standard Varieties of Seed Oats**, 25c. per lb., or 3 lbs., 60c., postpaid; by freight or express, peck, 40c.; per legal bush. (32 lbs.), \$1.25; 10 bush. and over, \$1.15 per bush., bags included.

White Maine, early, handsome and productive.

Danish Island, originally from Denmark; very hardy.

Swedish, Welcome, White Russian, Virginia Winter Turf, choicest seed carefully re-cleaned, at above prices.



Photograph of average heads of **WASHINGTON** OATS, 12 inches in length.



JAPANESE MILLET—Field from which our original seed was saved by the introducer, Prof. Brooks.

Japanese Barnyard Millet

Valuable new forage plant introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. Yields enormously, in all sections of the United States, hay and fodder of excellent quality, growing 6 to 8 feet in height and yielding 12 to 20 tons per acre. Cattle and horses eat it greedily. Sow in May or June broadcast, 10 to 12 lbs. per acre, or in drills, 8 lbs. per acre. Prices, by mail, postpaid, per lb., 25c.; 3 lbs., 60c.; by express or freight, lb., 15c.; 10 lbs., \$1.00; bush. of 30 lbs., about \$2.50.

German Millet (Southern Grown)

Southern grown German or Golden Millet seed is far superior, both in quality and yield, to Western or Northern grown seed. When properly grown and handled, it makes an enormous yield of nutritious feed, succeeding in almost any soil. Sow in May or June, one bushel to the acre. Price varies with the market. Qt., 10c.; bush., 50 lbs., \$2.00.

FARMOGERM—"Makes Poor Soil Good Soil"

High Bred Nitrogen-Gathering Bacteria

It is well known that nitrogen is the most expensive of fertilizing elements. It is also known that it is the plant food in which most soils are deficient. We are pleased, therefore, to be able to offer our patrons an improved and most reliable method of inoculating soil with nitrogen-gathering bacteria. By moistening the seed of any leguminous crop to be planted with Farmogerm, not only is the immediate crop benefited, but the soil is enriched in nitrogen which will be available for future crops of any kind for two or three seasons. One of the important advantages which Farmogerm has over other and earlier preparations of this kind is the fact that it needs no treatment or development before using. It comes in sealed bottles, fully labeled and ready for use with a little water, according to directions, which are given with each bottle sent out.

Send for a free pamphlet and investigate before planting any of the following crops:

Alfalfa, Alsike, Crimson Clover, Red Clover, White Clover, Canadian Field Peas, Cow Peas, Soja Beans, Velvet Beans, Vetches, Garden Beans, Garden Peas, Sweet Peas and other legumes.

When ordering be sure and state for what crop wanted.

We are prepared to supply Farmogerm for any one or all of these crops at the laboratory price of \$2.00 per acre. 10 per cent. discount on 25 acres, 15 per cent. discount on 50 acre orders.

Garden size, mixed culture, good for Peas, Beans and Sweet Peas, at 50 cents a bottle. Also White Clover for lawns.

Hungarian Millet

Yields two or three tons of hay per acre. Sow $1\frac{1}{2}$ bushels to the acre in May or June. Price varies. Qt., 10c.; bush., 48 lbs., about \$1.75.

Pearl Millet, or Pencillaria

If you grow green forage, try East Indian or Pearl Millet, and you will find there is nothing better. Drill in 2 feet rows, 10 lbs. to the acre. By mail, postpaid, per pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, lb., 20c.; 10 lbs. (enough for one acre), \$1.00; bush. of 50 lbs., \$4.25.

Pea Nut or Ground Pea

Georgia Improved (large) and Spanish (small early) are the best. Each pkt., 15c.; pint, 30c., postage paid; by express, qt., 35c.; 4 qts., \$1.25; peck, \$2.00

Jerusalem Artichoke Roots

The best hog food known. Very productive and possess remarkable fattening properties. Lb., 35c.; 3 lbs., \$1.00, postpaid; by freight or express, peck, 75c.; bush., \$2.50; bbl. of 3 bush., \$6.50.

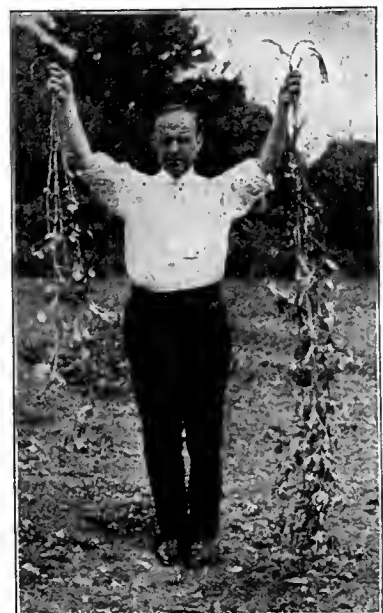
Long White Cow Horn Turnip

THE MOST POPULAR AND BEST FOR STOCKMEN

Carrot-like in form, growing nearly half out of the ground. It is delicate and well flavored, of rapid growth and very nutritious, a heavy cropper and fine keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c., postpaid; 5 lbs. and over, by express, 35c. per lb.

Wild Rice (*Zizania Aquatica*)

A native plant for swamps, etc., furnishing food for wild fowl, ducks, geese, etc. It attracts all wild birds from September on, and also purifies the water. Lb., 35c.; 3 lbs., \$1.00, postpaid; by express, lb., 25c.; 10 lbs. and over, 22c. per lb.



Large plant grown with FARMOGERM. Note the Difference.

FODDER AND SOILING PLANTS

PEAS for Fodder and Plowing Under



FIELD OF SOUTHERN BLACK OR RAM'S HORN COW PEAS IN THE NORTH. SOWN JUNE 16th, PLOWED UNDER AUGUST 31st.

COW PEAS (The Great Soil Improver) Make Poor Land Rich, Good Land More Productive, and Enrich the Soil

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the cow pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of $1\frac{1}{2}$ bushels to the acre, and plowed under as soon as they have attained their full growth. There is no surer or cheaper means of improving poor soil than by sowing cow peas.

COW PEAS FOR HAY

If planted early, say by middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following:

PRICES variable with the market.

SOUTHERN BLACK EYE COW PEA
EXTRA EARLY BLACK EYE COW PEA
BLACK, or RAM'S HORN COW PEA
WHIP-POOR-WILL and CLAY,
MIXED COW PEAS

PRICES BY LETTER

CANADA FIELD PEAS and Oats for Fodder

These make a fodder and hay which double the production of milk. The Canada Field Pea, which we sell at \$1.75 per bushel, is the best for this purpose. They should be sown in March or early April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sown and harrowed in. They will be ready for cutting about the latter end of June, when the oats are in milk and the pods formed on the peas. Farmers who have never sown this crop will be surprised at its large yield. It is a nutritious food and relished by all kinds of stock. This crop also makes an excellent soil improver when turned under like cow peas as described above. Write for prices on large quantities.

VELVET BEAN (The Great Nitrogen Gatherer) A Worthy Rival of the Cow Pea

This is supplanting the cow pea for cattle food and as a soil renovator; it has been grown in many of the far Northern States with great success and is worthy of a trial everywhere. Its nitrogen-gathering properties are said to surpass those of the cow pea. It is the rankest grower of any of the legumes; two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines twenty to twenty-five feet long, no matter how poor the soil. It leaves a mulch on the ground that is very beneficial to the soil.

It makes an excellent hay and stock eat it well. The cultivation is the same as for cow peas. Price, per pkt., 10c.; lb., 25c.; 3 lbs., 60c., by mail, postpaid. On larger quantities write for quotations.

SOJA BEAN—Late Variety

The demand for the **SOJA OR JAPANESE SOY BEANS** has grown remarkably of late years. Their great value is as a forage crop, for fertilizing the soil and for pasturing or feeding the green fodder much in the same way as the cow pea. This late variety is very valuable south of the Potomac and Ohio Rivers. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, qt., 20c.; peck, 75c.; bush., \$2.75.

SOJA BEAN—New Early Variety

The ordinary or late soja bean, while valuable south of the Potomac and Ohio Rivers, is too late to be of value in the far Northern States. This variety ripens in all the Northern States, where it has been grown over four feet in height, and yielded over ten tons per acre. It is a valuable fodder either for feeding green or for the silo. Being a rich nitrogenous feed, it is unsurpassed as a flesh-former, and like the clovers, is a soil-improver. Lb., 25c.; 3 lbs., 60c., by mail, postage paid; by express or freight, qt., 25c.; peck, \$1.00; bush. of 60 lbs., \$3.50.

EARLY AMBER SUGAR CANE

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. It may be made to furnish the principal food for cattle, horses and mules from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought, and as fodder and for winter feed it is one of the most economical. The seed is valuable as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. By mail, postpaid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 15c.; peck, 60c.; bush. of 56 lbs., \$2.00; 5 bush. or over, \$1.90 per bush.



DWARF ESSEX RAPE—EIGHT WEEKS FROM SOWING.

TRUE DWARF ESSEX RAPE

Dwarf Essex Rape is largely grown in this country on account of its rapid growth, being ready to feed in eight to ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds. While unequaled as a pasture for sheep, as a food for all cattle, calves or pigs, it is without a rival, its fattening properties being twice as great as clover, making a much relished and most succulent food from May to December. Lb., 25c.; 3 lbs., 60c., by mail, postpaid; by express or freight, lb., 15c.; 10 lbs., \$1.00; 25 lb., \$2.00; bush. of 50 lbs. for \$3.75; 100 lbs. and over at 7c. per lb. Special prices by letter for larger lots.

Fruit Tree Seeds

Peach Pits. Pure Tennessee, natural, lb., 20c., postpaid; bush., \$2.50. Apple Seed, lb., 40c. Apricot Pits, oz., 10c.; lb., 50c. Pear Seeds, French, oz., 20c.; lb., \$2.00. Osage Orange. For hedges. Lb., 45c.; bush., \$8.00.

PRICES on all seeds for fodder and soiling fluctuate with the market. We can frequently supply lower than catalogue rates. Write for quotations.



BRUSH OF WEBER'S IMPROVED EVERGREEN BROOM CORN.

Weber's Improved Evergreen THE BEST BROOM CORN IN CULTIVATION

Originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color, without the slightest reddish tinge. It makes by far the best brooms of any corn grown, and commands the very highest prices. Customers who have grown this corn report yields of over 1,000 lbs. of brush to the acre. Height, 7 to 8 feet. Lb., 30c.; 3 lbs., 75c., postpaid; qt., 25c.; peck, 80c.; bush., \$2.75.

KAFFIR CORN The Great Forage Plant

Will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain is extremely valuable for feeding to poultry and will make a flour that is like wheat flour. Cultivated the same as our common Indian corn, requiring four to five pounds of seed per acre. By mail, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, qt., 10c.; peck, 50c.; bush., 60 lbs., \$1.75.

TEOSINTE

(*Reana luxurians*.)

This gigantic Gramma will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills 4 feet apart. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid; by express or freight, lb., 65c.; 5 lbs. and over at 60c. per lb.

SAND OR WINTER VETCH (*Vicia Villosa*)

For forage and fertilizing purposes; it succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring, it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Sow 50 to 60 pounds per acre with ½ bushel rye, oats or barley. Price, per lb., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, lb., 20c.; 10 lbs., \$1.50; 100 lbs. and over, 10c. per lb.

SPRING VETCHES, or TARES

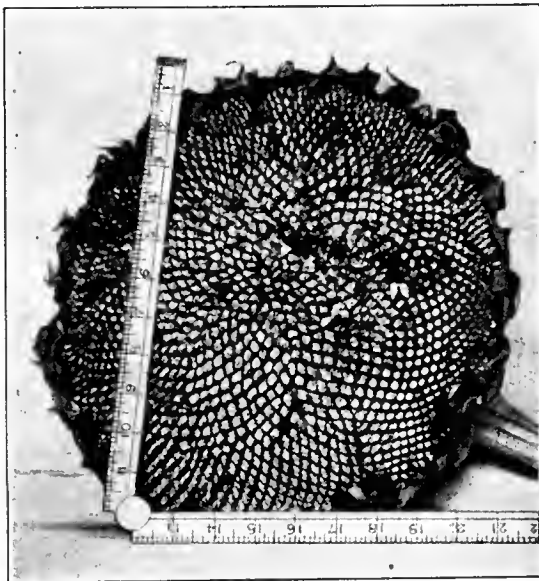
A species of very small pea, grown extensively in England and Canada for stock feeding. The seed is also largely used for pigeon feed. Culture same as for field peas. Lb., 25c., postpaid; qt., 20c.; peck, \$1.00; bush., \$3.50, by freight.

Speltz, or Emmer (*Triticum Spelta*)

This new Russian grain is intermediate between wheat and barley, and is readily eaten by all kinds of stock. It is adapted for milling, as well as for feeding, making a grade of flour similar to rye. The straw resembles wheat straw. It grows large crops—40 to 80 bushels per acre—on poor lands, stony ground and open prairies, and will give double the crop of oats or barley. Pkt., 5c.; lb., 30c.; 3 lbs., 75c., postpaid; by freight or express, qt., 15c.; peck, 50c.; bush., \$1.75.

Mammoth Russian Sunflower

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses and poultry, and yields a fine quality of oil. The strong thick stalks are used for fuel. Oz., 5c.; qt., 15c. (qt., postpaid, 25c.); peck, 50c.; bush., \$1.60, sack, 2 bush., \$3.00; 5 bush. and over, \$1.40 per bush.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER.

Tobacco Seed

CONNECTICUT SEED LEAF. Saved from selected plants. Pkt., 10c.; oz., 20c.; ¼ lb., 55c.; lb., \$2.00.

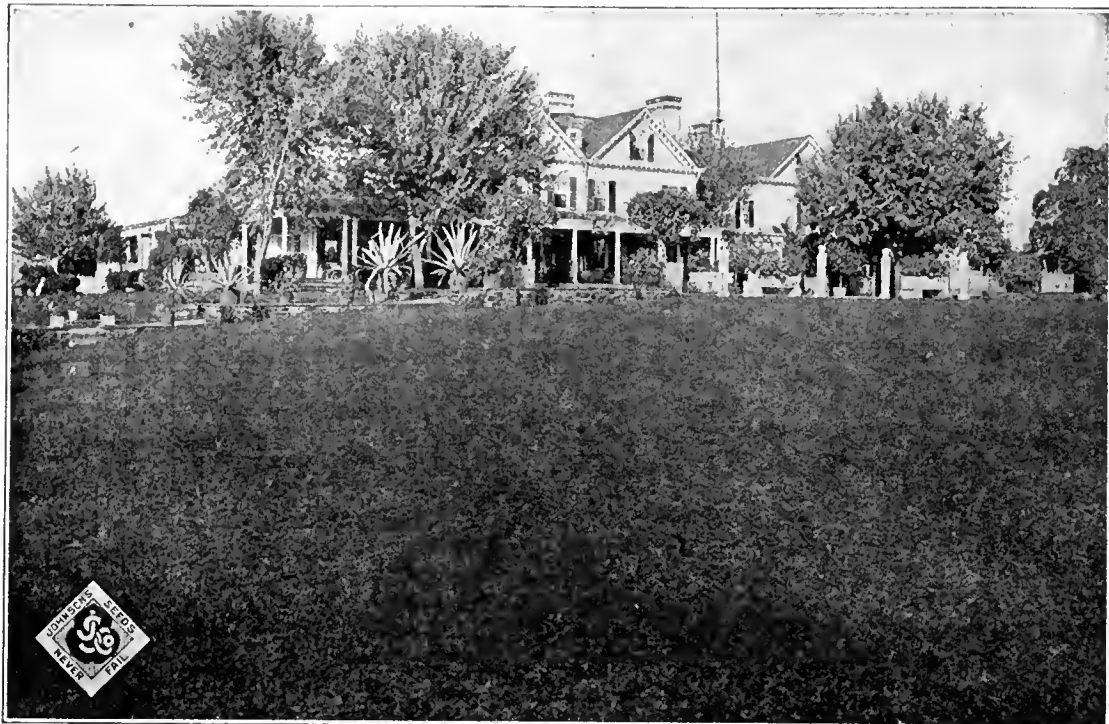
HAVANA. Genuine imported seed, direct from Cuba. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.00.

SUMATRA, STERLING, GENERAL GRANT, PENNSYLVANIA AND LANCASTER BROAD LEAF, each, pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

THE DAYS OF USING SOD

will soon be over, when people know how easily beautiful lawns are made ready for cutting in from 5 to 8 weeks by sowing Johnson's Lawn Grass Seed Mixtures. It is a well-ascertained fact that a thick and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some mature early, others late; so that from the beginning of spring until winter sets in, there is no time when one species or another is not at its best. For this reason, the judicious selection of grass seed, for the creation of a beautiful lawn or grass plot, or a durable pasture or hay crop, requires a knowledge obtained only by an intimate study of the habits of varieties as respects quality of herbage and vigor of constitution. It is not sufficient to select the one grass indigenous to the soil or climate, for it may not possess the many qualities requisite for the purpose desired, for hardiness and permanence, which combination of qualities and character is best found in a mixture of sorts.

A quart of Lawn Grass will sow about 300 square feet. Three to four bushels will sow an acre. Instructions how to prepare and sow a lawn accompany each package or bag of seed.



Johnson's "Fancy" Lawn Grass Seed

**will produce a permanent and velvety deep green sward at all seasons.
Equally valuable for renovating old and worn-out lawns**

This is our best mixture of the best deep-rooted, native and acclimated foreign, fine-leaved grasses, properly blended, so they can not be excelled for the purpose, standing the extremes of heat, drought and cold. This is really the cheapest, cleanest and heaviest mixture of Lawn Grass Seed ever offered, because, while other mixtures on the market will not average over 14 lbs. to the bushel, this weighs 22 lbs. per bushel. Price, qt., 20c. (qt., postpaid, 25c.); 4 qts., 65c.; peck, \$1.25; bush., 22 lbs., \$4.50.

Johnson's Standard Evergreen Lawn Seed Mixture

Johnson's Standard Evergreen is a well-balanced combination made from our own formula, of fine native grasses that will produce a beautiful effect throughout the whole of the growing season. It has become standard, being largely used on the best public and private grounds around Philadelphia, New York and other large cities. Price, per qt., 15c. (qt., postpaid, 20c.); peck, \$1.00; bushel, \$4.00.

Fairmount Park Lawn Grass Seed Mixture

This mixture we supplied for many years to Fairmount Park, the largest in the world. It will give good results where the finest grasses are not required, and is also valuable for use on railroad embankments, terraces and exposed lawns. Qt., 15c. (qt., postpaid, 20c.); peck, 75c.; bush., 14 lbs., \$2.75.

Johnson's Shadow Lawn Grass Seed

This is a new mixture, prepared especially for shady places

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend its use. Qt., 25c. (qt., postpaid, 30c.); peck, \$1.25; bush., \$4.50.

Where several bushels of Lawn Grass Seed are wanted, write for SPECIAL PRICES



If you sow Clover you should try FARMOGERM, the high-bred nitrogen gathering bacteria.

See page 59.

Add 10c. per lb., if ordered by mail.

Prices Subject to Market Changes

ALFALFA, or LUCERNE CLOVER. Every farmer should have at least a few acres of alfalfa clover. There is no difficulty in getting a good stand, if care is taken in putting it in right and taking care of it afterwards. Sow in the spring or in August, as preferred, at the rate of 25 to 40 lbs. per acre; see that the soil is sweet and well manured. When a good stand is once secured, it will last from 8 to 10 years, giving three or four crops per annum. Price, per lb., 25c.; 10 lbs., \$2.00; bush., of 60 lbs., about \$10.50.

TURKESTAN ALFALFA. (True.) Imported from Turkestan, withstands the drought of summer and cold winters better than ordinary alfalfa. Price, per lb., 25c.; 10 lbs., \$2.00; bush., 60 lbs., price on application.

CRIMSON or SCARLET CLOVER. This annual clover, as an improver of the soil, or for an early summer forage or hay crop, is first-class. Lb., 15c.; 10 lbs., \$1.25; bush., of 60 lbs., about \$1.50.

ALSIKE, or SWEDISH CLOVER. Hardest of all; well adapted for permanent pastures or for hay crop. Thrives equally well on wet or dry soil. Sow six pounds per acre in spring or fall. Lb., 20c.; 10 lbs., \$1.80; bush., 60 lbs., prices on application.

WHITE DUTCH CLOVER. Best to sow with lawn grass; valuable in permanent pastures. Oz., 5c.; lb., 30c.; 10 lbs. and over, 25c. per lb.; bush., 60 lbs., price on application.

CLOVER MEDIUM RED. Free from weed seeds and of high germination. Lowest market prices quoted by letter.

MAMMOTH PEA VINE, or SAPLING CLOVER. Market variable. Write us for lowest market prices.

SAINFOL, or ESPARSETTE. A land-enriching, perennial clover. Lb., 15c.; 10 lbs., \$1.25.

BOKHARA CLOVER (Honey Plant.) Lb., 25c.; 10 lbs., \$2.25.

MEADOW FOXTAIL, ROUGH STALKED MEADOW, FINE LEAVED FESCUE, TALL FESCUE. Each, per lb., 40c.; 10 lbs. and over, 35c. per lb.

We carry a large line of Grasses; any variety not listed will be cheerfully quoted by letter.

IMPORTANT. Write for quotations on Grass and Clover Seeds. Prices vary with the market, and we can frequently supply lower than catalogue rates.

HUNGARIAN, or AWNLESS BROME-GRASS (*Bromus Inermis*). This great drought-defying, frost-resisting grass yields enormous crops of splendid hay, and affords rich, abundant pasturage. Grows best in light, sandy loam, but its roots will penetrate the stiffest clays. Equally good for cutting green, pasturing or cutting into hay. Can be sown alone and also does well sown with clover and timothy. Use 30 pounds to the acre if alone; if with clover, 20 pounds. Per lb., 20c.; bushel of 13 lbs., price on application.

CANADIAN BLUE GRASS (*Poa Compressa*). The hardest grass in cultivation. Cows fed on it produce a very rich milk, and it is especially relished by sheep. Excellent for dry, sandy soils and for covering the surface of rocky soils. Three bushels to the acre. Lb., 18c.; bush., 14 lbs., \$1.75; 5 bush. and over, \$1.65 per bush.

KENTUCKY BLUE GRASS (*Poa Pratensis*). Valuable for pasture when mixed with other varieties. Lb., 25c.; bush., 14 lbs., about \$2.00.

ORCHARD GRASS. A most desirable pasture grass. Lb., 30c.; bush., 12 lbs., about \$2.50.

TIMOTHY. Lb., 12c.; bush., 45 lbs., about \$2.75.

HERD, or RED TOP GRASS. Choice seed in chaff. Lb., 13c.; bush., 10 lbs., \$1.00; in sacks of 50 lbs., about \$1.00; extra fancy solid seed, lb., 20c.

JOHNSON GRASS (*SORGHUM HALAPENSE*). Valuable for the South for meadow or hay; withstands heat and drought. Lb., 20c.; bush., 25 lbs., price on application.

MEADOW FESCUE, or ENGLISH BLUE. Lb., 25c.; bush., 22 lbs., price on application. Sow 2 bush. to the acre.

TALL MEADOW OAT GRASS. Valuable for permanent pasture. Lb., 25c.; bush., 13 lbs., price on application.

ENGLISH RYE GRASS. A nutritious, permanent grass for meadows and pastures. Lb., 15c.; bush., 24 lbs., price on application.

CRESTED DOGTAIL. Valuable for lawns, golf links, etc., stands wear. Lb., 35c.; bush., 20 lbs., price on application.

WOOD MEADOW GRASS. Adapted for pleasure grounds; fine for pastures under close feeding. Lb., 60c.; bush., 14 lbs., price on application.

SWEET VERNAL GRASS (*True perennial*). Lb., 60c.; Sweet Vernal (*annual*). Lb., 20c.

RHODE ISLAND BENT, HARD FESCUE, SHEEP'S FESCUE, CREEPING BENT. Each, per lb., 30c.; 10 lbs. and over, 25c. per lb.

Johnson's Special Mixtures for Permanent Pastures and Mowing Lands

Good Pastures Are the Foundation of Successful Farming

A combination of a number of native and acclimated foreign grasses and clovers, blended to produce a permanent, dense and deep rooting turf yielding yearly the maximum quantity of hay, and afterwards affording a constant and abundant pasture. After the hay is cut, the grass recovers its verdure in a few days, and affords excellent pasturage even through dry summer weather. Both mixtures will maintain their valuable qualities 20 years or more if they are occasionally top-dressed with manure and sprinkled with grass seed. Sow 2½ bushels to the acre.

No. 1 Grass Mixture for Permanent Pasture } Each, per bush., \$3.25, or in lots of 10 bush. and
No. 2 " " " " " Mowing } over, \$3.00 per bush., sacks included.

Johnson's Fair Green Mixture for Golf Links. Excellent for the purpose. Sow 4 bushels to the acre. Price, per qt., 15c.; peck, 75c.; bush. (15 lbs.), \$2.75; 10 bush. and over, \$2.50 per bush.

Johnson's Putting-Green Mixture for Golf Links. Produces a thick, tough, beautiful green turf. Sow 3½ bushels to the acre. Price, qt., 30c.; peck, \$1.75; bush. (20 lbs.), \$5.00.

JOHNSON'S PERFECTION GIANT ASTERS

FROM THE LEADING EUROPEAN AND AMERICAN SPECIALISTS

We offer herewith a superb collection of Giant Asters, which cannot be surpassed for freedom of bloom, perfection of form, brilliancy of color and sturdiness of habit.



EARLY SNOWDRIFT ASTER. Per packet, 10c.

Early Snowdrift Aster

376. The earliest aster in cultivation, being a few days in advance of Queen of the Market, while the flower is not surpassed in beauty by any of the later varieties. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of twelve to twenty long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. The type is well established, the flowers all coming perfectly double. (See cut.) Per packet, 10c.

NEW GIANT COMET ASTER

Triumph of Paris

378. A new aster of very handsome and striking appearance. It is of pyramidal habit, grows 2 to 2½ feet high, and produces large flowers 4½ to 6 inches across, with long, pure white outer petals, in the center of which the quilled disc florets form a bright golden-yellow wreath. Per packet, 10c.

New Aster, Violet King

290. A new and distinct soft violet aster measuring 4 to 5 inches across, of vigorous habit, long stiff stems, and blooming ten days earlier than the Improved Semple's Branching. The petals somewhat resemble the quilled varieties, but much larger and broader, those in the center being curled and incurved, completely covering the crowns. Per pkt., 10c.

New White Aster, Mikado

291. A beautiful comet aster of American origin. The flowers are pure white and of immense size with the petals curled and twisted in the center of the flower. It is of medium height and an excellent sort for bedding. Per pkt., 10c.

Early Giant Ostrich Plume Aster

Extremely graceful asters with long, wavy, twisted petals, resembling the Japanese Chrysanthemums. The flowers attain a large size, measuring 4 inches across; extra early, free bloomers, and invaluable for cutting.

292. White 295. Light Blue
293. Rose 296. Dark Blue
294. Lavender 297. Mixed

Per packet, 10c.

Sunset Aster

298. Similar in habit to the Daybreak Aster. The flowers are a delicate shade of light pink, shading to a deep, rich pink in the center, globe-shaped, borne on long, stiff stems and a profuse bloomer. Per packet, 10c.

New Royal Purple Aster

377. The flowers of this superb strain are large and full, with centers well covered. Although an offshoot from the popular Branching Aster, it is entirely distinct in flower and habit. It is a vigorous grower and comes into bloom a few days after the Queen of the Market, and an invaluable variety for cutting. Per packet, 10c.

Purity Aster

315. Possessing all the good qualities of the Daybreak, with which it is identical in form and habit, but the color is a pure white. Excellent for cutting. Per packet, 10c.

JOHNSON'S
SUPERB**ASTERS** FOR BEDDING AND
CUTTING**New Early
White Branching**

298. This beautiful Aster now offered for the first time is a distinct advance in the branching class. It begins blooming in profusion two weeks earlier than the Late Branching, and the large white flowers borne on extra long stems give it an additional value as a cut flower and for vases. Per packet, 10c.

**Giant White
Hohenzollern Aster**

299. A magnificent Aster borne on long stems, of tall branching habit. The flowers are a pure glistening white, measuring 6 to 8 inches across, extremely double, with gracefully curled petals resembling a Japanese Chrysanthemum. As a late cutting variety it has no equal. Per packet, 10c.

New Cardinal Aster

379. As its name indicates, this new and distinct aster is a bright rich carmine and surpasses all other asters for brilliancy in color and profusion of bloom. The flowers are large, round and full and borne on graceful stems of average length. As a bedding aster it vies with the Scarlet Sage and blooms from early August until late in the fall. Per packet, 10c.



NEW GIANT ASTER—HERCULES. Per packet, 15c.

HERCULES WHITE ASTER

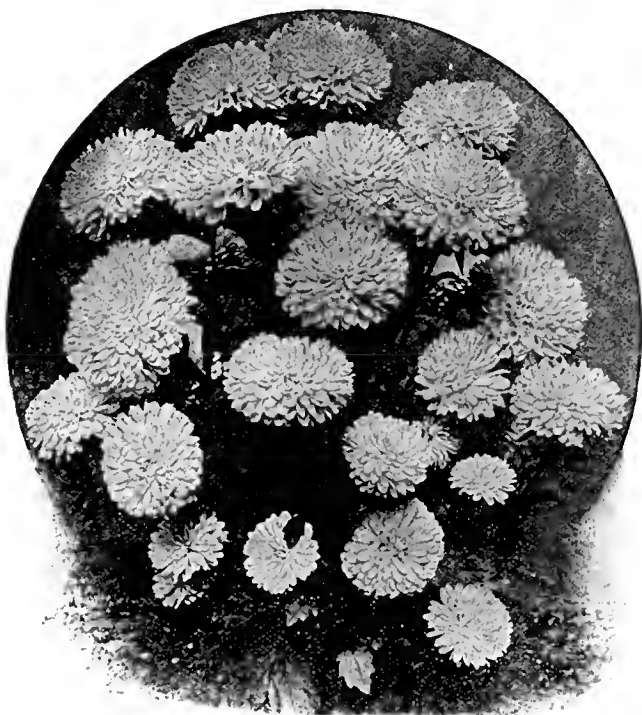
317. This new aster has a most imposing aspect. The plants throw up strong stems 15 to 20 inches high, which branch about 4 inches from the ground, bearing at their summit many central flowers, while on the side shoots appear 4 to 6 secondary blooms. The flowers are of the purest white, with very long petals, and attain the enormous diameter of 6 to 7 inches, and can be compared to the large exhibition flowers of the Giant Chrysanthemum. It is excellent either for cut flowers or for planting in borders in the open ground. Per pkt., 15c.

Lavender Gem Aster

375. We cannot commend this magnificent ostrich-feathered aster too highly for its many excellent qualities. The color is an exquisite lavender, a profuse bloomer, of medium height, erect habit, and the flowers, which resemble a ragged chrysanthemum, are always double and borne on long slender, wiry stems. Blooms very early, following the Queen of the Market and before the Daybreak. Per packet, 10c.

DAYBREAK

314. Beautiful free blooming pink Aster, of bushy, branching habit, borne on long stiff stems about 2 feet high. The flowers are extremely double with incurved petals and unsurpassed for cutting purposes. Per packet, 10c.



DAYBREAK ASTER. Per pkt., 10c

JOHNSON'S UNRIVALED HARDY PHLOX

THE BRIGHTEST AND BEST FROM A PRIZE COLLECTION

15c. each; \$1.50 per dozen; \$10.00 per 100



HARDY PHLOX

For effective display, wide range of rich, beautiful colors, ease of culture, and freedom of bloom, the **Hardy Phloxes** are unsurpassed. They succeed in any situation and produce a profusion of bloom from early in July until late autumn. The best effect is obtained if planted in masses of one color. Pinch back when the plants are 12 inches high.

Althis. Salmon pink, beautiful.

Bacchante. Deep, rich red; enormous trusses.

Beranger. Shell pink. Rare and dainty color.

Bridesmaid. Pure white, with large, crimson carmine eye.

Coquelicot. The best scarlet.

Eugene Danzanvillier. Rich lilac-blue with lighter center.

Mrs. Jenkins. The best white.

Obergartner Wittig. Rich rosy magenta; extra large flower and truss.

Prof. Schliemann. Bright currant-red; perfect form.

Offenbach. Bright rose, with large white halo.

Thebaide. Carmine lake, with carmine eye; very rich.

Selma. Brilliant rosy red with darker eye.

Send for List of Hardy Perennial Plants

CARNATION, GIANTS OF NICE

655. A new giant strain of perpetual carnations, introduced by a celebrated French specialist. It is the finest of the perpetual class, attaining an immense size and beginning to bloom almost as early as the **Carnation Margue-**

rite, and producing nearly 100 per cent. double flowers, with a large percentage of yellows. They are profuse bloomers, deliciously fragrant and contain a wide range of colors and distinct markings. As the flowers last a long time after being cut, they will be found equally valuable to the florist and private gardener for open ground or pot culture. Pkt., 15c.

JOHNSON'S MAMMOTH PERFECTION COSMOS

The flowers of this grand strain measure 4 inches across and produce a profusion of bloom from late summer until killed by frost. Splendid for cutting. Start the seed early.

933, Mammoth White, 10c. per pkt. 935, Mammoth Pink, 10c. per pkt. 936, Mammoth Scarlet, 10c. per pkt.

JOHNSON'S FAMOUS WILD FLOWER GARDEN

Per packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 30c.

2960. Our Wild Flower Mixture consists of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Special Offer—15 Packets Choice Flower Seeds 25c.

Comprising

Asters,
Carnations,
Candytuft,

Cosmos,
Dianthus or Pinks,
Nasturtium,

Pansy,
Petunia,
Phlox,

Poppies,
Sweet Alyssum,
Snapdragon,

Sweet Peas,
Verbenas,
Zinnias.

General List of Flower Seeds

PLEASE ORDER BY NUMBER

ABRONIA

40. **Umbellata**. Charming annual trailer for vases, rockwork, etc. Pkt., 5c.

45. **Abutilon**. Large bell-shaped flowers, various colors, richly veined. Mixed colors; tender perennial. Pkt., 10c.

50. **Aeroclinum**. Mixed double flowering. An "everlasting" for winter bouquets. Pkt., 5c.

ADLUMIA

60. **Cirrrosa** (Mountain Fringe or Allegheny Vine). A charming climber. Pkt., 10c.

AGERATUM

Annuals bearing a profusion of feathery flowers. Excellent for bedding in summer or pot culture in winter. Flowering profusely and continually; 2 feet high.

100. **Mexicanum**. Lilac blue. Pkt., 5c.

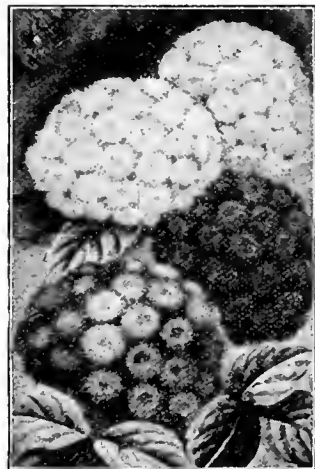
101. **Lasseauxii**. Beautiful rose color. Pkt., 5c.

102. **Choice Mixed**. Per oz., 25c; pkt., 5c.

104. **White Gem**. Very dwarf, free flowering. Pkt., 5c.

105. **Little Dorrit**. Azure blue. Pkt., 5c.

106. **Swanley Blue**. Large flowers; fine.



AGERATUM.

Pkt., 5c.

107. **Blue Perfection**. Very dark blue, dwarf, finest of all. Pkt., 5c.

109. **Princess Victoria Louise**. Novelty. Centre white, edged with blue. Very beautiful sort, dwarf. Pkt., 10c.

ALYSSUM

A garden favorite, flowering profusely throughout the season from spring-sown seed. Excellent for ribbon lines and edging. Very fragrant annual, 6 to 9 inches high.

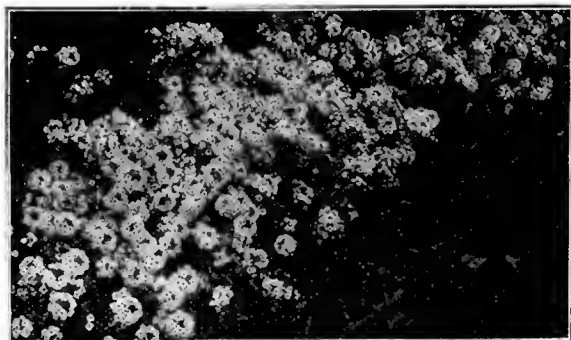
140. **Sweet Alyssum**. Oz., 20c; pkt., 5c.

141. **Tom Thumb**. Dwarf. Oz., 25c; pkt., 5c.

142. **Little Gem**. Distinct, very dwarf. Oz., 40c; pkt. 5c.

143. **Saxatile Compactum**. Perennial; yellow. Pkt., 5c.

144. **Carpet of Snow**. Pure white, only 2 to 3 inches high, a profuse bloomer, showing as many as 800 heads of snow-white flowers at one time on one plant; annual. Pkt., 5c.



BORDER OF ALYSSUM "CARPET OF SNOW."

AMARANTHUS

Ornamental foliage and flowering annuals. Very rapid growth and easy culture. For semi-tropical gardening they are very effective.

160. **Caudatus** (Love-ties-bleeding). Pkt., 5c.

161. **Tricolor** (Joseph's Coat). Pkt., 5c.

AMPELOPSIS VEITCHII (Boston Ivy)

The *Ampelopsis Veitchii* is a hardy perennial climber from Japan, with beautiful, glistening, olive-green leaves which turn a beautiful scarlet in the autumn. It is the best and most popular climber for covering stone or brick walls.

180. Seed, 10c. per pkt.; 25c. per oz. Plants, 20c. each \$2.00 per dozen.

ANTIRRHINUM

(Snapdragon)

Half-hardy perennials for the summer flower bed or border. Are very showy and flower the first season from seed. Two to three feet high.

220. **Nanum**. Dwarf mixed. Pkt., 5c.

221. **Majus**. Tall, mixed. Pkt., 5c.

223. **Queen of the North**. Large, pure white; fine for beds or borders. Pkt., 10c.



AQUILEGIA, OR COLUMBINE

Hardy perennials, luxuriating in the moist situations in the garden, where they form permanent clumps, growing from 1½ to 3 feet high. The large, single, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration.

240. **Single Varieties**. Mixed. Pkt., 5c.

241. **Double Varieties**. Mixed. Pkt., 5c.

AQUILEGIA, OR COLUMBINE



ARCTOTIS GRANDIS, 10c.

ARCTOTIS GRANDIS

No. 250. A handsome new annual, growing luxuriantly in our climate and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. Its flowers are large and showy, from 2½ to 3 inches across; pure white on the upper surface, embellished by a narrow yellow zone at their base. reverse of petals pale lilac. Pkt., 10c.

JOHNSON'S SUPERB ASTERS



PHOTOGRAPH QUEEN OF THE MARKET ASTER.

QUEEN OF THE MARKET ASTER

Two to three weeks earlier than most other Asters, of dwarf branching habit, very double flowers, valuable for cutting. A favorite Florist's Aster for early market.

302, White; 303, Pink; 304, Crimson; 305, Light blue; 306, Purple; 307, Mixed. Price, all the above, 10c. per pkt.

PEONY FLOWERED PERFECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long incurved petals. Fine for florists.

321, Snow white; 322, Glowing crimson; 318, Brilliant rose; 323, Azure blue; 324, Purple; 320, Carmine, edged white; 325, Dark rose, edged white; 319, Blue, edged white; 326, Choice mixed sorts. Price, all the above, 10c. per pkt.

VICTORIA ASTERS

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

355, Pure white; 356, Deep pink; 357, Light blue; 358, Deep scarlet; 359, Peach blossom; 360, Choice mixed sorts. Price, all the above, 10c. per pkt.

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, resembling the Japanese Chrysanthemum.

345, Pure white; 346, New carmine; 348, Deep pink; 349, Delicate pink, edged white; 347, Choice mixed sorts. Price, all the above, 10c. per pkt.

NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high.

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| 351. Apple Blossom. Shell pink | PER PKT. \$0 10 |
| 352. Crimson. Very showy and handsome | 10 |
| 353. Deep Rose. An excellent color | 10 |
| 1 pkt. each of these 3 Glorious Asters, 25c. | |
| 354. New Jewel. Mixed colors | 10 |

GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

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|---|-----------------|
| 331. German Quilled. (Betteridge's Prize) Mixed | PER PKT. \$0 05 |
| 332. " " Pure white | 05 |

NEW EXTRA EARLY GIANT PLUME ASTER

As early as Queen of the Market and of immense size, many blooms measuring five inches in diameter. The long, recurved petals give an exceedingly graceful effect, heightened by the irregular character of the petals in the center of the flower. Perfectly double.

364. Pure white. 365. Pure rose; each, 20c. per pkt.

NEW OSTRICH FEATHER ASTER

366. The Ostrich Feather Asters are a new type, with long, wavy, twisted feathery petals, like the wavy, beautiful feathers of the ostrich. Flowers frequently measure four inches across, in long, thin, wiry stems. Price, mixed colors, 15c. per pkt.

CROWN ASTER

339. Centers white, surrounded by a broad margin of color, such as crimson, rose, violet, etc., flowers large and freely produced; height, 18 inches to 2 feet. Pkt., 10c.; 3 pkts., 25c.

NEW YELLOW ASTER

361. A double flower in the form of a perfect ball; of the brightest sulphur-yellow. Long, erect stems; excellent for cutting. Per pkt., 10c.; 3 pkts. for 25c.

DWARF CHRYSANTHEMUM FLOWERED ASTERS

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

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| 327. A. Chrysanthemum Flowered, mixed | PER PKT. \$0 10 |
| 328. A. Chrysanthemum Flowered, pure white | 10 |

DEEP SCARLET TRIUMPH ASTER

333. Beautiful dwarf Aster; immense flowers of faultless form. The color is rich, brilliant scarlet; very prolific. Pkt., 10c.

GIANT VICTORIA OR WASHINGTON

A magnificent variety of compact habit; flowers measure 5 inches across, of splendid substance, fine form, and bloom profusely during August and September.

367. Snow white; 368, Peach blossom pink; 369, Dark violet; 370, Azure blue; 371, Bright crimson; 372, Choice mixed. Price, all the above, 10c. per pkt.

NEW BRANCHING ASTERS

The new Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems.

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|-----------------------------------|-----------------|
| 310. White Branching Aster | PER PKT. \$0 10 |
| 311. Crimson Branching Aster | 10 |
| 313. Shell Pink Branching Aster | 10 |
| 312. Finest Mixed Branching Aster | 10 |

NEW DWARF QUEEN ASTER

Bushy plants growing only 10 to 12 inches high, and branching very freely; branches upright, making a dense compact bush. The flowers are of extraordinary size, perfectly double, and resemble the finest Victoria.

- | | |
|---|-----------------|
| 335. Satin; White Queen. Spotless white | PER PKT. \$0 10 |
| 336. Crimson Queen. Rosy crimson | 10 |

NEW ASTER, "WHITE LADIE"

330. Very popular, with long, graceful tubular petals; splendid for cutting. Per pkt., 10c.

POPULAR MIXTURE OF ASTERS

362. A mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. Being made by ourselves, we know it contains only the most salable colors for cut-flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 1c.; oz., \$1.25.

WHITE ASTERS IN MIXTURE

363. This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., \$1.50.

BALLOON VINE

340. A rapid-growing handsome summer climber, small white flowers, followed by inflated seed vessels shaped like small balloons, 10 to 15 feet; annual. Pkt., 5c.



BALSAM.

BALSAM

(Lady Slipper)

The old garden favorite, marvelously improved.

380. **White Perfection.** The finest; pure white. Pkt., 10c.

384. **Double Mixed** Sorts. Pkt., 5c.

386. **Royal Camellia Flowered.** Prize Mixed. A fine strain of very double flowers of exquisite shades. Pkt., 10c.

388. **Improved Camellia Pure White** (Alba Perfecta). A really pure white, very double Balsam has long been a desideratum both for the private planter and the practical florist. Our stock of this grand acquisition is absolute perfection in snow-white color, size of bloom.

doubleness and symmetry of plant. Price, per pkt., 10c.

Balsam Apple. See Momordica, page 75.

Balsam Pear. " " " " 25c.

BEGONIA (Tuberous Rooted)

Magnificent flowering plants. The single varieties are a revelation in color and size, measuring 6 to 9 inches in circumference, and the double are as fine as the choicest roses in coloring and form.

420. **Single Large Flowering, Mixed.** Pkt., 15c.

421. **Double** " " " " 25c.

BEGONIA (Fibrous Rooted)

422. **Rex Hybrida.** Large, ornamental-leaved plants, very rich and decorative. Pkt., 25c.

423. **Vernon.** Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c.

CANARY BIRD FLOWER

490. (*Tropæolum Canariense*.) Of the Nasturtium family, the flowers resembling a canary bird with expanded wings. A beautiful climber. Pkt., 5c.

CALCEOLARIA

Gorgeous plants for greenhouse and window decoration, the large pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors: yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion; 1½ feet.

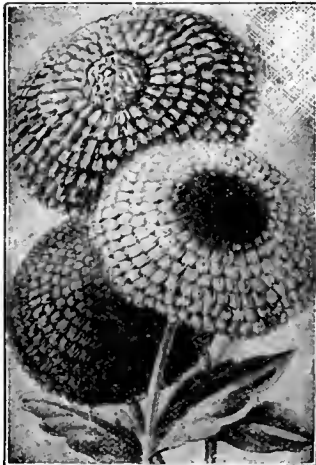
520. **C. Hybrida Grandiflora, Tall** Mixed. 20 in. Pkt., 25c.

521. **C. Hybrida Grandiflora Pumila Compacta, Mixed.** A new strain, dwarf and compact, producing large and brilliant self-colored and spotted flowers; 1 foot. Pkt., 25c.

522. **C. Rugosa.** Small flowering varieties for bedding, of the finest colors; 2 feet. Pkt., 25c.

523. **English Prize, Mixed.** This strain of Calceolaria will be found without a peer. It contains the most brilliant colorings of the tigered, mottled, spotted and

variegated varieties that we know of. Compact in growth and vigorous in constitution. Pkt., 35c.

**CALENDULA**

Profuse blooming, dwarf, bushy annuals; of easy culture and flowering till frost.

544. **"Orange King."** The grandest of all the double Pot Marigolds. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.; oz., 20c.

545. **"Lemon Queen."** Just as fine as the Orange King but a clear lemon-yellow. Pkt., 5c.; oz., 20c.

540. **Meteor.** Double yellow, striped orange. Pkt., 5c.

541. **Prince of Orange.** Pkt., 5c.; oz., 20c.

542. **Ranunculoides, Fl. Pl.** (Cape, or Garden Marigold.) Deep orange color; 1 foot. Pkt., 5c.

543. **Calendula.** Fine mixed. Pkt., 5c.; oz., 15c.

CAMPANULA

(Canterbury Bells)

601. **Single Mixed.** Pkt., 5c.

602. **Double Mixed.** Pkt., 5c.

604. **CUP and SAUCER Varieties.** Are a very striking and beautiful variety of Canterbury Bells. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 5c.

606. **Pyramidalis, Mixed.** A grand sort, known as the "Pyramidal Bell Flower." Color, blue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.



CAMPANULA

CANDYTUFT (Iberis)

Half-hardy annual of low growth and very free flowering. The plants bloom early from seed and continue a long time in bloom. Useful for bedding and for cutting.

620. **White Fragrant.** Pure white, pinnated foliage; 1 ft. Pkt., 5c.; oz., 20c.

621. **Crimson.** Very beautiful; 1 ft. Pkt., 5c.; oz., 20c.

622. **WHITE ROCKET.** Large trusses of pure white flowers; 1 ft. Pkt., 5c.; oz., 20c.

623. **White Tom Thumb.** A new dwarf variety, growing about 6 inches high, branching into a handsome bush, about 16 inches in diameter. Pkt., 5c.; oz., 20c.

624. **Fine Mixed.** Pkt., 5c.; oz., 15c.

625. **NEW EMPRESS.** One of the finest varieties of recent introduction. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.; oz., 30c.

CANNAS

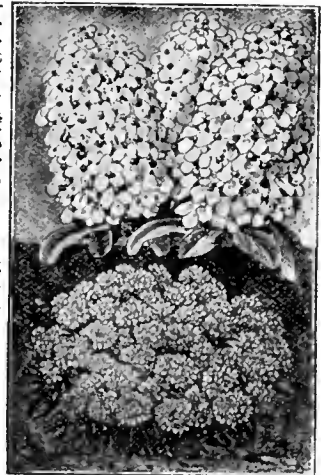
645. **Crozy's Dwarf Large Flowering French.** In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Mixed. Pkt., 5c.; oz., 15c.

640. **C. Marechal Vaillant.** Foliage rich maroon, large, bright orange flowers; 5 ft. Pkt., 5c.

641. **Tricolor.** Foliage green, red and creamy yellow bright scarlet flowers; 3 ft. Pkt., 5c.

642. **Finest Mixed.** Embracing twenty of the best sorts. Pkt., 5c.; oz., 10c.

643. **C. Gigantea.** 8 ft. Pkt., 5c.



EMPRESS CANDYTUFT.



CARNATIONS

663. **Marguerite Carnations.** Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. Pkt., 10c.; 3 pkts., 25c.

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|------|------------------------------|-------------------|--------|
| 656. | Carnation Marguerite. | Crimson | Pkt. |
| 657. | " | White | \$0 10 |
| 658. | " | Rose | 10 |
| 659. | " | Striped | 10 |
666. **NEW DWARF LARGE FLOWERING MARGUERITE.** An improvement on the above in size of flower, dwarfier and more stocky plants. Per pkt., 15c.
661. **Finest German Double Mixed.** Saved from extra choice named double flowers. Pkt., 15c.
662. **Fine Double Mixed.** Comprising the hardiest and best varieties for garden culture: 1½ ft. Pkt., 10c.
664. **FINEST DOUBLE STRIPED.** Pkt., 10c.
665. **THE GUILLAUD, or RIVIERA MARKET.** The Guillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.
667. **NEW DOUBLE PERPETUAL (Chabaud).** As early as the Marguerite Carnation, this new sort will be found invaluable for florists. The stalks are very stiff and the flowers large and very double. The calyx rarely ever bursts, and the percentage of double flowers is very great. Pkt., 15c.

Celosia (Coxcomb)

Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants as well.

CRISTATA, OR CRESTED VARIETIES

675. **DWARF CRIMSON.** Large combs. Pkt., 5c.
676. **VARIEGATA.** Crimson and gold. Pkt., 5c.
677. **JAPONICA.** Ruffled scarlet combs. Pkt., 5c.
678. **GLASGOW PRIZE.** Immense crimson. Pkt., 5c.
680. **QUEEN OF THE DWARFS.** Only 8 inches high; combs often 10 inches across; dark scarlet. Pkt., 10c.
681. **EMPRESS.** Mammoth bright combs; bronze foliage. Pkt., 10c.
679. **CRISTATA.** Mixed. Pkt., 5c.

PINK PLUME CELOSIA

(*Celosia Spicata*)

671. The flowers of this charming *Celosia* open of a fresh bright rose tint and the lower involucre change gradually to a silvery white, thus presenting to the eye a most charming combination of color. The elegant long-stemmed flowers preserve their beauty even in unfavorable weather, and furnish quite an excellent material for making up bouquets, etc. In addition to this they are very suitable for drylug, and as the plant blooms for a very long period, it is equally valuable both for the open border and for culture in pots. Per pkt., 15c.

682. **O S - TRICH FEATHER.** This new Feathered *Celosia* produces very large plumes, which are exquisitely curved and curled in exact resemblance to an ostrich feather. Pkt., 10c.

CENTAUREA

(Dusty Miller)

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candidissima.** Attractive, silvery, cut leaves; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves; 1½ ft. Pkt., 10c.



OSTRICH FEATHER CELOSIA.

CENTAUREA

Blue Bottle or Corn Flower

687. **C. Imperialis.** Grand improvement over the old *Sweet Sultan*, long-stemmed blossoms 3 to 4 inches across, of graceful, airy effect, and deliciously fragrant. Colors: white, pink, red, blue, lilac and purple; fine for cutting. Pkt., 10c.

688. **BLUE.** Per pkt., 5c.

689. **WHITE (Alba Pura).** Pkt., 5c.

690. **DWARF VICTORIA.** Very dwarf, beautiful for borders. Per pkt., 5c.

CHRYSANTHEMUMS

Single Annual Varieties.

Summer blooming annuals, growing 12 to 18 inches high, very floriferous and effective for beds or cut blooms.

704. **Selected Mixed Varieties.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and mottled. Pkt., 5c.

705. **C. "Golden Wheel."** This striking novelty is a very free-blooming annual. The flowers assume a peculiar form, the quill-shaped golden yellow petals standing out all around the purple disk in the centre, like the spokes of a wheel. Very desirable for cutting, lasting a long time. Pkt., 10c.

706. **C. "Evening Star."** These pure golden yellow flowers are often 3 to 4 inches across, and, after cutting, last a long time in water. They are very beautiful and make a valuable addition to our list of choice annuals for cut flowers. Pkt., 10c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 5c.

CINERARIA

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom.



CINERARIA ENGLISH PRIZE.

742. This prize strain has received the highest awards at the largest shows in England, and is unrivaled both in variety of color and marking and size and quality of bloom. Blooms measure $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter. Pkt., 35c.

740. *Maritima Candidissima* (Dusty Miller). Pkt., 5c.

741. *Acanthifolia* (Dusty Miller). Pkt., 5c.

CLARKIA

Charming annuals for flower beds, with colors, white, rose red, purple, etc., borne in profusion during the summer.

761. *Elegans* (Purple King). Pkt., 5c.

760. *Single Mixed*. Pkt., 5c.

762. *Double Mixed*. Pkt., 5c.

CLEMATIS

Hardy Perennial Climbers

780. *Jackman's Large Flowering Hybrids*. Pkt., 10c.

781. *Coccinea Scarlet*. Tubular flowers. Pkt., 10c.

783. *Flammula*. White, sweet scented. Pkt., 5c.

784. *Paniculata*. One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

CLEOME PUNGENS

(Giant Spider Plant)

800. A showy rose-colored annual, whose stamens resemble spiders' legs. Very effective planted among shrubbery. Height, 3 feet. Pkt., 5c.



COBÆA SCANDENS.

fragrant, and in color golden yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. Pkt., 5c.

COBÆA

840. *Scandens*. A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to beautiful deep violet blue. Half hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

CROTALARIA
RETUSA

(West India Rattle Box)

938. This is a low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers. These flowers are of thick substance,

COREOPSIS

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

560. *C. Drummondii*. Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.

561. *C. Atrosanguinea*. Dark crimson; 2 ft. Pkt., 5c.

562. *C. Mixed*. Pkt., 5c.; oz., 20c.

563. *Coreopsis lanceolata*. The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden-yellow color. Pkt., 10c.

564. *Calliopsis Golden Wave*. Pkt., 5c.; oz., 20c.



COREOPSIS.

COSMOS

932. *Mammoth Perfection*. Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.

931. *Pearl*. Beautiful snow white. Pkt., 5c.

930. *Cosmos Hybrids*. Mixed sorts. Pkt., 5c.

934. *Dawn*. New early blooming. Comes into flower in July, and continues a mass of bloom until cut by frost. Price, per pkt., 10c.

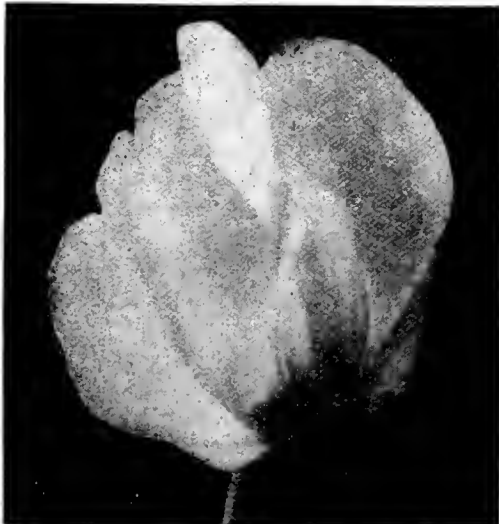


NEW EARLY BLOOMING COSMOS, "DAWN."

CYCLAMEN PERSICUM GIGANTEUM

Grown by a specialist, who has received the highest awards at the largest English shows, and is unquestionably the finest strain of Giant Cyclamen obtainable.

	PER PKT.
962. <i>Crimson Queen</i> . Rich deep maroon red	\$0 25
963. <i>Dixon Hartland</i> . Pure white, claret base	25
964. <i>Duke of Connaught</i> . A superb cherry color	25
965. <i>White Swan</i> . The finest white Cyclamen in cultivation	25
966. <i>Rosy Morn</i> . Bright rose with claret base	25
961. <i>Cyclamen Persicum Giganteum, mixed</i>	25



CYCLAMEN PERSICUM GIGANTEUM.



CYPRESS VINE.

CYPRESS VINE

A summer climbing annual with fine feathery foliage and pretty star-shaped flowers.

980. **Crimson.** Pkt., 5c.; oz., 25c.
 981. **White.** Pkt., 5c.; oz., 25c.
 982. **Mixed sorts.** Pkt., 5c.; oz., 25c.
 983. **Scarlet,** Ivy Leaved. Pkt., 5c.; oz., 25c.

DAHLIA

Although perennials, these flower freely the same season from seed, if sown early.

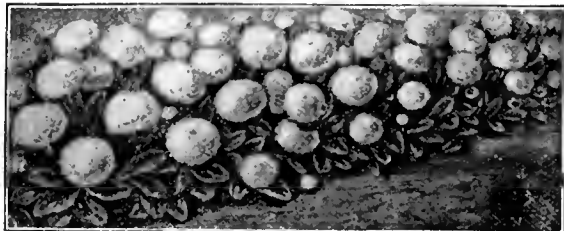
1000. **Choice Double Varieties.** Mixed. Pkt., 10c.
 1001. **Choice Single Varieties.** Mixed. Pkt., 5c.

1002. **Cactus Dahlias.** Mixed. These double dahlias have their petals quilled and curved loosely and gracefully. Pkt., 10c.

DAISY (*Bellis Perennis*)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames; $\frac{1}{2}$ foot. (See cut.)

1020. **Double.** Mixed. Pkt., 5c.
 1022. **Longfellow.** Double pink. Pkt., 10c.



DOUBLE GIANT DAISY.

1023. **Snowball.** Double white. Pkt., 10c.
 1024. **New Giant Double Mixed.** Beautiful imbricated flowers; $1\frac{1}{2}$ to 2 inches in diameter. Pkt., 10c.

DATURA

Strong growing ornamental annuals, with very large, showy flowers; 2 to 3 feet high.

1013. **Cornucopia** (*Horn of Plenty*). A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

No. 1041. **New Golden Queen.** A magnificent plant for open ground, with most brilliant golden-yellow flowers of enormous size, many of them 10 inches long. Pkt., 10c.

DELPHINIUM

(or *Perennia Larkspur*)

Handsome and hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.



DELPHINIUM MIXED HYBRIDS.

1060. **D. Formosum.** Brilliant blue with a white centre. Pkt., 5c.
 1067. **D. Chinensis.** A distinct and neat variety, growing about 18 inches high, with fine feathery foliage and producing freely spikes of large blossoms varying in color through all the delicate shades of blue. Pkt., 5c.
 1064. **D. Finest Mixed Hybrids.** Pkt., 5c.

DIANTHUS OR PINKS

The family of "Pinks" is unrivaled for brilliancy and rich variety of color; blooming profusely until late in the autumn, rendering them one of the most satisfactory of all our annuals for garden decoration. Height about 1 foot.

DOUBLE ANNUAL VARIETIES

1080. **D. Chinensis, Fl. Pl.** (*China Pink*). Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c.
 1081. **Hedderwigii Diadematis, Fl. Pl.** (*Double Diadem Japan Pink*). Densely double flowers, 3 inches in diameter; beautiful tints of crimson, lilac, purple; outer edges fringed with white; 6 inch. Pkt., 5c.; oz., 75c.
 1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.; oz., 40c.
 1085. **D. Laciniatus, Fl. Pl.** (*Double Fringed Japan Pink*). Large, double, showy flowers, with fringed edges; various colors and beautifully striped. Pkt., 5c.; oz., 50c.
 1092. **Mourning Cloak.** Rich blackish velvety crimson, margined with pure white. Pkt., 5c.

"ROYAL PINK." (*Dianthus Hedderwigii Nobilis*)

No. 1095. The flowers are very large and the petals are frilled and fringed. The colors are of a deep yet very bright blood red, then shade to carmine and pink and even white. Per pkt., 10c.

"STAR PINK." (*Dianthus Stellaris*)

No. 1096. This novelty represents a new class of the Chinese Pink. Each single flower has the form of a 5 or 6 rayed star, hence the name "Star Pink." They bloom continuously from June to October with a matchless display of color and variety of markings. Pkt., 10c.

"SALMON QUEEN"

No. 1097. Beautiful double annual pink, with finely fringed flowers of a fiery salmon red, turning to a charming salmon pink as they get older. Plants bloom profusely throughout the whole season. Pkt., 10c.



DIANTHUS "NEW HYBRIDS." Pkt., 10c.

SINGLE ANNUAL VARIETIES

1094. **Dianthus Laciniatus Nanus "New Hybrids."** This is a grand new strain of the annual Pinks, with lacinated or fringed petals. The flowers vary in shade from white to deep rose and even to purplish red, are all tinged more or less with bright salmon red or salmon scarlet. The plants grow only about 10 inches high, and are remarkable for their free flowering character. Price, 1c. per pkt.
 1086. **Crimson Belle.** Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.
 1087. **Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.
 1088. **Snowflake.** Snow-white; exquisitely fringed. Pkt., 5c.
 1089. **Laciniatus, Mixed Colors.** Single fringed. Pkt., 5c.; oz., 40c.
 1090. **Hedderwigii, Mixed Colors.** Single Japan Pinks. A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.; oz., 40c.
 1093. **Salmon Queen.** A new variety, of a most brilliant salmon color. Pkt., 10c.

HARDY PERENNIAL VARIETIES

1082. **Dianthus Plumarius** (*Pheasant Eye*). A beautiful, single, hardy pink, with fringed-edged white flowers, with a dark centre. Pkt., 5c.; oz., 20c.
 1083. **Plumarius, Fl. Pl.** Double and semi-double varieties in beautiful colors. Pkt., 10c.
 1091. **Fine Garden, or Clove-scented Pinks** (*Hortensis Varieties*). Beautiful double mixed colors. Pkt., 10c.



FOXGLOVE.

the dark foliage. Following the flowers there come beautiful, glossy, dark-red seed pods. These are very freely produced, and are a great ornament to the plant. Useful for covering porches, trellises, etc. Pkt., 5c.

DIGITALIS OR FOXGLOVE

Beautiful, hardy perennials of easy culture. Long spikes of showy flowers, many beautifully spotted; height, 3 to 5 feet.

1120. **Mixed Colors.** Pkt., 5c.

1121. **Gloxinia Flora.** Gloxinia-shaped flowers, a lovely type. Pkt., 5c.

DOLICHOS—PURPLE SOUDAN

No. 1125. A very curious and highly decorative climber. The twining stems are of an intense purple color, and the beautiful sweet-pea-like flowers are produced during the entire summer. They are white and rose in color contrasting strikingly with



EDELWEISS.

THE GENUINE EDELWEISS or Sunflower of Switzerland

No. 1190. There is a world of poetry connected with this charming flower, to obtain which many travelers have sacrificed their lives. It blooms right through the snow, and when cut lasts for years. The flowers are rare and beautiful, as white as snow and as soft as velvet, growing sometimes 30 on one plant, with grayish-white foliage in spreading rosette. Naturally as hardy as a rock, they grow in any way, on sandy moist soil, gritty and well drained, or on raised rockwork, and even as a border plant, in chalky open soil. Lasting for years in beauty, it will certainly prove a wonderful attraction. Price, per pkt., 20c.

ESCHSCHOLTZIA or California Poppies

A beautiful annual of easy culture. Bloom soon after spring-sown seed and continue until late in the autumn. Height, 1 foot.

1180. **California.** Yellow and Orange. Pkt., 5c.

1181. **Rose Cardinal.** Rich rose purple. Pkt., 5c.

1182. **Single Mixed.** All colors. Pkt., 5c.

1184. **Double Mixed.** All colors. Pkt., 5c.

EVENING PRIMROSE

(*Oenothera*)

2260. Delicate pale yellow flowers. Pkt., 5c.

EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. **Acroclinium Roseum, Fl. Pl.** Bright rose, double. Pkt., 5c.

1241. **Ammobium Alatum Grandiflorum.** A leading everlasting flowers very large and pure white color. Pkt., 5c.

EVERLASTING FLOWERS (Continued)

1242. **Gomphrena Mixed (Bachelor's Buttons).** Pure white, crimson, orange and variegated colors. Pkt., 5c.

1243. **Helipterum Humboldtianum (Sanfordi).** Large clusters of bright golden yellow flowers. Pkt., 5c.

1244. **Helichrysum, Finest Mixed.** Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c.

1245. **Rhodanthé, Finest Mixed.** Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c.

1246. **Xeranthemum.** Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.



GAILLARDIAS.

GAILLARDIA

Beautiful annuals for the flower garden. Very effective grown in masses. Large flowers produced from early summer till frost. 1 to 2 feet high.

1300. **G. Picta Lorenziana.** Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c.

1301. **G. Picta Grandiflora.** Large flowers of rich crimson and yellow. Pkt., 5c.

1302. **Picta Nana (Painted Lady).** Showy crimson, bordered with yellow. Pkt., 5c.

GERANIUM

Although perennials, they will produce nice bushy plants and flower from seed the same season.

1320. **G. Zonale, Mixed.** Pkt., 10c.

1321. **Apple-Scented.** Very fragrant. Pkt., 10c.

GLOXINIA

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and bled. Sow in March.

1380. **Grandiflora.** Choice mixed sorts. Pkt., 25c.

GODETIA

Exceedingly handsome and showy annuals, of dwarf, compact growth, about 1 foot high, bearing freely large flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. (See cut.)

1400. **Lady Satin Rose.** Crimson, tinged, pale lilac. Pkt., 5c.

1401. **Bijou.** Dwarf, white flowers, with carmine spot on each petal. Pkt., 5c.

1403. **Lady Alhemarle.** Large crimson rose. Pkt., 5c.

1402. **Choice Mixed Varieties.** Pkt., 5c.; oz., 20c.

GOURDS

Mixed Ornamental. A choice assortment. Pkt., 10s. 3 pkts., 25c.

For other varieties of Gourds, see vegetable list, page 80.

GRASSES (ORNAMENTAL)

1443. **Coix Lacrymia (Job's Tears).** 2 ft. Pkt., 5c.

1444. **Erianthus Ravenne.** Very ornamental; 10 ft. Pkt., 5c.

1445. **Glycerium Argenteum (Pampas Grass).** 10 ft. Pkt. 5c



GODETIA.



GYPSOPHILA PANICULATA.

1480. **Elegans.** Star-shaped, white and pink flowers. Pkt., 5c.
 1481. **Paniculata.** Produces numerous panicles of small, white, handsome flowers; fine for bouquets. Pkt., 5c.

HELIANTHUS

(See Sunflower)

HIBISCUS (Marsh Mallow)

1540. **Africanus.** Creamy yellow, with purple centre. Pkt., 5c.
 1511. **Palustris.** Large pink flowers. Pkt., 5c.
 1512. **Californicus.** Large white earline centre. Pkt., 10c.
 1543. **Sunset.** Very large, yellow, fine. Pkt., 10c.



HELIOTROPE.

Chaters. Prize Double, Red. Pkt., 10c.

1562. " " " Pink. Pkt., 10c.
 1560. " " " White. Pkt., 10c.
 1561. " " " Yellow. Pkt., 10c.
 1558. " " " Salmon. Pkt., 10c.
 1559. " " " Crimson. Pkt., 10c.
 1563. " " " Mixed. Pkt., 10c.

New Mammoth Flowering "Allegheny Hollyhocks"

1564. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and finely fringed and curled.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge. Price, per pkt., 10c.; 3 pkts., 25c.

Our Fall Catalogue of **DUTCH BULBS, HYACINTHS, NARCISSUS, TULIPS, ETC.,** will be ready **SEPTEMBER FIRST.** If interested, send in your name and a copy will be mailed to you.

PURPLE FOUNTAIN GRASS

(Pennisetum Rupeellianum)

1451. Decidedly the most ornamental decorative grass ever introduced, and will be found as useful for room, hall or table decoration as many a palm. Fine purple plumes a foot long. Pkt., 10c.

GREVILLEA ROBUSTA

1460. (Silk Oak.) Beautiful and graceful fern leaved foliage plant. Pkt., 10c.

GYPSOPHILA

Dainty free flowering plants of easy culture. Fine for mixing in bouquets, giving them an airy fairy look that is charming; 1½ feet high. white and pink flowers.

HUMULUS JAPONICUS OR JAPANESE HOP

1620. Very ornamental and fast growing annual climber from Japan. Pkt., 5c.

1621. **Humulus Japonicus Variegatus.** A beautiful variety with variegated foliage, resisting heat and the ravages of insects. Pkt., 10c.

KENILWORTH IVY

1780. A very neat climber, clings to walls and is a valuable plant for hanging baskets, vases, etc. Pkt., 10c.

LANTANA

1720. Rapid growing, constant blooming, tender perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc.; mixed colors; 1 to 3 feet. Pkt., 10c.



HUMULUS OR JAP HOP.

LARKSPUR

Quick-growing, free-flowering annuals.

1065. **Dwarf German Rocket.** Hyacinth-flowered Larkspur; mixed. Pkt., 5c.

1063. **Emperor Larkspur.** Has beautiful, long spikes of brilliant dark blue, tricolor and red striped; double flowers. Pkt., 5c.

LATHYRUS

Everlasting or Hardy Sweet Peas. Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters; but have no fragrance, a beautiful plant.

1740. **Latifolius Red.** A handsome free-flowering plant; useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.

1741. **Latifolius Albus.** Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **Splendens.** A fine novelty from California, bearing dense clusters of brilliant deep rose flowers. Pkt., 10c.

No. 1743. **Pink Beauty.** We have here an entirely new variety, the color of which is a delicately shaded pink on the standard, the lacing on the edge being paler than the centre; the wings are deeper pink, of a very rich shade, giving it a very striking appearance. Price, pkt., 5c.; per oz., 20c.

No. 1744. **Everlasting Pea—Crimson.** Pkt., 5c.

LOBELIA (Compacta Varieties)

Compact plants, 4 to 6 inches high, forming little mounds of bloom.

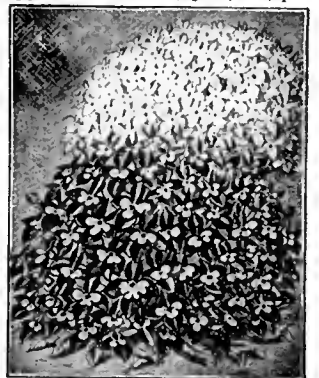
1840. **Crystal Palace.** Rich blue. Pkt., 10c.

1845. **Mixed Compacta Varieties.** Pkt., 5c.

Erinus, or Trailing Varieties.

Useful for vases or hanging baskets or rockeries.

1844. **Mixed, Trailing Varieties.** Pkt., 5c.



LOBELIA.

LYCHNIS

1900. **Chaleedonica.** The old garden favorite; very hardy, brilliant scarlet flower; deserves a place in every garden. Pkt., 5c.

MARIGOLD

Well-known annuals, very free flowering and of easy culture. The African varieties have large yellow or orange-colored flowers, and are adapted to large beds. The French are dwarfier in growth, with beautiful striped flowers, and are better suited to pot culture.

AFRICAN VARIETIES

1941. **EL DORADO.** Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c.
1943. **LARGE AFRICAN.** Very large; orange, brown and yellow. Oz., 15c.; pkt., 5c.

FRENCH VARIETIES

1940. **GOLD STRIPED.** Double dwarf, brownish red, striped golden yellow. Pkt., 5c.

1942. **DWARF FRENCH MIXED.** Oz., 15c.; pkt., 5c.

1944. **LITTLE BROWNIE** (*Legion d'Honneur*). Charming, compact little bushes. Flowers single, golden yellow, with large spot of crimson velvet. Pkt., 10c.

1939. **GOLD RING.** This charming variety is a fine match to the old "Legion of Honor" in growth, height and free flowering. In color it is a dark velvety brown, each petal gracefully surrounded with a distinct gold ring. The compact, bushy plant blooms with a richness and constancy that is surprising. Pkt., 10c.; 3 pkts., 25c.



MARIGOLD.

MARVEL OF PERU (*Mirabilis*)

(*Four-o'clocks*)

The Marvel of Peru, or Four-o'clocks, is a pretty, free-flowering annual of easy culture, that grows and flowers in almost any location.

1960. **Mixed Choice Colors.** Pkt., 5c.; oz., 15c.

1961. **White Tom Thumb.** Only growing 10 inches high. Snow-white flowers. Pkt., 5c.

MESEMBRYANTHEMUM

2000. **M. Crystallinum** (*Ice Plant*). Flowers white, with ice-like foliage. Pkt., 5c.

MIGNONETTE (*Reseda*)

This deliciously fragrant annual is a favorite with all. It does best in a cool situation.

2020. **Sweet Scented.** Oz., 10c.; pkt., 5c.

2022. **Golden Queen.** Golden yellow. Pkt., 5c.

2024. **Machet.** Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10c.

2025. **Gabrielle.** Large spikes of red flowers; very fragrant; fine for pot culture. Pkt., 10c.

2026. **Miles' Hybrid Spiral.** Pure white. Pkt., 5c.

2027. **Giant White Spiral.** Oz., 25c.; pkt., 5c.

2028. **Red Victoria.** Dwarf branching habit, very sweet, red flowers. Pkt., 10c.

2029. **Allen's Delicance.** Immense spikes, 12 to 15 inches long; very fragrant. Pkt., 10c.

MIMULUS

(*Monkey Flower*)

Admirable for pot plants; colors and markings of the flowers are very rich and beautiful. Annuals of low spreading growth.

2060. **Moschatus.** (*Musk Plant*). Beautiful yellow flowers. Pkt., 5c.

MOMORDICA BALSAMINA

2090. (*Balsam Apple*). Pkt., 5c.; oz., 20c.

MOMORDICA CHARANTIA

2091. (*Balsam Pear*). Pkt., 5c.; oz., 20c.



MIGNONETTE.

MOONFLOWER (*Ipomœa Grandiflora Noctiflora*.)

1664. **The White-seeded Moonflower.** No one who has a trellis or arbor to cover should neglect to plant **The Moonflower**—the most rapid-growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white, fragrant flowers, opening in the evening and remaining open until noon the following day, and if cloudy, all day, many of them measuring over seven inches across. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet. Pkt., 10c.

Plants of above, 10c. each (by mail, 15c.).



IMPERIAL JAPANESE MORNING GLORY.

IMPERIAL JAPANESE MORNING GLORIES

925. The surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are limitless. Pkt., 10c.; 3 pkts., 25c.

920. **Tricolor Roseum.** Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. **Major, Mixed.** Common Morning Glory. Oz., 15c.; pkt., 5c.

DWARF MORNING GLORIES

922. **Mauritanicus.** Trailing plant for baskets; blue. Pkt., 10c.

924. **Minor, Mixed.** Pkt., 5c.

MYOSOTIS (*Forget-Me-Nots*)

The popular "Forget-Me-Nots." Bushy plants, 6 to 10 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house, they will flower the first season.

2100. **Palustris.** The true Forget-Me-Not; beautiful blue. Pkt., 5c.

2102. **Dissitiflora.** Large, blue flowers, compact and very early. Pkt., 10c.

ALPESTRIS VARIETIES

2103. **Victoria.** Of bushy habit; large, bright azure blue flowers; very fine. Pkt., 10c.

	PER PKT.
2101. Pure white	\$0 05
2104. Alpestris, blue	05
2107. " mixed	05
2105. " rose	05

"OBELISK" VARIETIES

These are an upright, pillar form, 10 to 12 inches high and very floriferous.

	PER PKT.
2108. Obelisk, blue	\$0 10
2109. " pink	10
2110. " white	10

NASTURTiums

A marvellous range of new colors has been developed in this favorite flower, which is in constant bloom throughout the season, and if these are kept well picked so that the plant cannot produce seed they will continue to flower until frost. No other annual flower seed will produce such a lavish profusion of bloom for so long a time and with the same small outlay of care and attention.

Thin, poor soil, if possible, disintegrated rock is the best soil, as this produces the maximum of bloom. Soils in which manure has been used heavily causes the plants to produce a heavy growth of leaves at the expense of blossoms. They are also in such soils apt to rot off in wet weather, especially if the plants have been left standing close to one another.

You cannot have too many Nasturtiums. Plant them along fences, hedges or wherever it is desired to have a bunch of bright color.



DWARF NASTURTiums.

DWARF OR TOM THUMB NASTURTiums

These have a neat compact habit and attractive foliage, are not disturbed by insects, bloom in two months from seed, and most profusely till frost.

	PKT.	PER OZ.
2146. Aurora. Yellow, veined	\$0 05	\$0 10
2121. Beauty. Yellow and scarlet	5	10
2132. Chameleon. Splashed with crimson, bronze and yellow	5	15
2133. Ceruleo-roseum. Bluish rose	5	10
2122. Crimson	5	15
2134. Crystal Palace Gem. Yellow and carmine	5	10
2143. Empress of India. Deep crimson; fine dark foliage	5	15
2123. Golden Cloth. Golden yellow leaves, scarlet flowers	5	15
2135. Golden King. Golden yellow	5	10
2136. King of Tom Thumbs. Scarlet	5	15
2144. King Theodore. Black, velvety	5	10
2145. Lady Bird. Yellow and red	5	15
2130. Prince Henry. Light yellow, marbled scarlet	5	15
2124. Rose	5	10
2125. Ruby King. Dark red	5	15
2126. Spotted	5	10
2142. White or Pearl	5	10
2141. Yellow	5	10
2147. Mixed	5	10
Johnson's Choice Dwarf, Mixed, Per ¼ lb., 25 per lb., 75		

TALL, OR CLIMBING NASTURTiums

(*Tropaeolum majus*)

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot-plants for winter flowering, as screens, or as trailers for hanging baskets and vases.

	PKT.	PER OZ.
2127. Jupiter. New giant-flowered; beautiful golden yellow	\$0 05	\$0 20
2128. Chameleon. Various	5	15
2129. Dark Crimson	5	10
2160. Edward Otto. Brownish lilac	5	15
2137. Hemisphaericum. Orange	5	10
2161. Heinemanni. Chocolate	5	10
2180. King Theodore. Black	5	10
2154. Orange	5	10
2162. Pearl. Whitish	5	10
2138. Regelianum. Purplish violet	5	10
2139. Moltke. Bluish rose	5	10
2148. Rose	5	10

	PKT.	PER OZ.
2155. Scarlet	\$0 05	\$0 10
2164. Scheuerianum. Spotted	5	10
2165. Schillingi. Yellow, spotted	5	10
2166. Schulzi. Darkest leaved	5	10
2167. Striped	5	10
2168. Yellow	5	10
2169. Vesuvius. Salmon; dark leaved	5	10
2156. Mixed	5	10
Johnson's Choice Tall, Mixed, Per ¼ lb., 20 per lb., 60		

LOBB'S NASTURTiums

(*Tropaeolum Lobbianum*, etc.)

TROPAEOLUM LOBBIANUM. This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

	PKT.	PER OZ.
2170. Ivy-Leaved. A fine new strain with dark green ivy-like leaves and beautiful lacinated deep-scarlet flowers, \$0 05		\$0 35
2148. Asa Gray. Yellowish white	5	15
2172. Fulgens. Dark scarlet	5	15
2173. Marguerite. Pale yellow, flushed blood-red	5	15
2174. Lucifer. Very dark scarlet	5	15
2175. Crown Prince of Prussia. Blood-red	5	15
2159. Giant of Battles. Sulphur and red,	5	15
2176. Primrose. Cream, with brown spots,	5	15
2177. Crystal Palace. Scarlet	5	15
2151. Spitfire. Brilliant scarlet	5	15
2178. Lilli Schmidt. Scarlet	5	15
2179. Liliput, Mixed	5	15
2152. Finest Mixture	5	15
2157. Madame Gunter Hybrids. A "French strain noted for wide range of fine colors	5	20

One of our customers writes of our **NASTURTiums**: "Your collection of Nasturtiums is the finest we have ever grown. They bloom profusely from early summer until fall and make our garden gorgeous with bright coloring. The foliage is remarkably beautiful." Above illustration is a photograph taken from a bunch from this particular garden.

PANSIES—The Favorite Flower



NEW GIANT PANSY, "HERO."

SPECIAL OFFER

FIVE GRAND NEW PANSIES, 75c.

NEW GIANT PANSY "HERO"

2313. No more beautiful pansy has ever been introduced than "Hero." It is a very large, well-shaped flower, of great substance; has beautiful regularly crimped and curled edges, as shown in the illustration. Its color is an exquisite deep blue, shading to white on the upper petals. Price, pkt., 20c.

GIANT MME. PERRET

2309. A new French strain of pansies particularly rich in shades of red, but of the largest size and borne erect on long stems. Price, pkt., 20c.

PANSY GIANT "PRETIOSA"

2312. This flower is similar to the new "Masterpiece" Pansy introduced two years ago, and has the same frilled edges, but it is of the true giant five-spotted sort. Each petal marked with a large blotch of deep violet on a ground color of brilliant crimson rose, and each petal margined with a pure white edge. Price, pkt., 20c.

PANSY GIANT "INDIGO KING"

2310. The brightest blue pansy ever offered. The old variety, "Emperor William," looks a dull color when compared with this grand new sort. Price, pkt., 20c.

PANSY PRINCE HENRY

2311. A new giant variety of vigorous habit, the flowers often attaining 3½ inches across, of a brilliant dark indigo with velvet lustre, each petal having a large black-brown veined blotch, like the Bugnot race, with slightly undulated edges. Price, pkt., 20c.

GIANT NOVELTY PANSY COLLECTION

Price, one packet each of the above five choice new varieties, 75c.

JOHNSON'S KINGLY COLLECTION OF PRIZE-WINNER PANSIES

2299. This superb strain cannot be surpassed for size, texture, shape, markings or richness of coloring of the flowers. It embraces all of the solid or self-colored varieties, the 5-spotted on backgrounds of every color, the white-edged or bordered flowers of various colors, each with a distinct rim around each petal, also the light marbled varieties. Some have flowers with clear distinct eyes. Others are striped flowers of great beauty. Others still are veined, blotched and mottled in endless markings and colors. No pains are spared in making this strain absolutely perfect in form, firmness of texture, size and freedom of bloom, and it can be purchased with every confidence that it will produce the very finest results obtainable from this popular flower. Price, pkt., 25c.; ¼ oz., \$1.00; oz., \$5.00.

WHAT IS SAID OF THE ABOVE COLLECTION

G. Fleischer, Pueblo, Colorado, writes us as follows:

"I know you have the finest Pansies, because I had them before, and beat everyone in Colorado with your strain."

2281. **Bugnot's Large Stained.** This is a celebrated French strain in which each petal is blotched, either 3 or 5-spotted, with the color radiating on the margin of the petals. Price, pkt., 20c.; ¼ oz., 75c.

2291. **Cassier's Five Blotched.** These are round flowers of great substance and size; all either 3 or 5-spotted, and are very striking and beautiful. Price, pkt., 20c.; ¼ oz., 75c.

2273. **Masterpiece.** The chief peculiarity of this grand new Pansy is that the border or edge of each petal is frilled and curled. The flowers are large, borne very freely well above the plant. Price, pkt., 15c.; 2 pkts., 25c.

2279. **Odier Blotched.** Rich colors. Pkt., 10c.

	Pkt., 10c.	Pkt., 10c.	Pkt., 10c.
2276. English Show Mixture.	Pkt., 10c.		Pkt., 10c.
2308. Azure blue, very fine			\$0 05
2261. Belgian Striped			10
2286. Black	Pkt., \$0 05	2306. Mahogany	5
2274. Bronze	" 5	2297. White	5
2303. Blue	" 5	2298. Yellow	6
2262. Emperor Frederick (New), dark red			10
2275. Emperor William, ultramarine blue			10
2277. Fire Dragon, fiery orange and bronze			10
2288. Giant White, Pkt., \$0 10		2291. Giant Black	10
2289. Giant Yellow	" 10	2290. Giant Azure Blue	10
2263. Giant Black-Blue	" 10	2292. Giant Striped	10
2309. Madame Perret (grown by Lucien Perret, the introducer), a magnificent giant strain of rare excellence, very early, vigorous and rich combination of colors			20
2282. Improved Giant Trimardeau, mixed			10
2278. Lord Beaconsfield, deep purple violet			10
2264. Meteor (New), bright brown			10
2265. Peacock, ultramarine blue, deep claret and white			10
2283. Prince Bismarck, beautiful golden bronze			10
2284. Quadricolor, or Pheasant's Eye (Rainbow)			10
2266. Red Victoria (New), very fine			10
2285. Snow Queen, satiny white			10
2287. Striped and Mottled, large flowered			10
2301. Fine German, mixed			5

HOW TO GROW THIS POPULAR FLOWER

For very early outdoor bedding, Pansy seed should be sown in the fall, in a cold frame, or in rich, moist garden beds, from which the plants can be transferred to a cold frame, setting them 2 or 3 inches apart each way, before severe winter weather begins. In spring three-fourths of them can be lifted out for bedding and the rest left to bloom in the frame. For winter bloom in a frame, set the plants about twice as far apart, and thin out half of them in spring. Cover the blooming plants with sashes, adding a covering of matting or straw in very cold weather. In mild weather remove the mats and tilt the sashes to admit light, heat and fresh air. Spring sowings should be made early, so as to secure good flowers during the early rains. Seed sown in a cool, moist place in June and July, and well tended, will give good flowering plants for fall. Through summer heat the flowers are finer in a somewhat shaded place, but in almost any situation good Pansy seed will give fine flowers in spring and fall. Early fall sowings, made in a cold frame, with a southern exposure, give the finest flowers.

Petunia

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, requiring only a rich soil and a sunny position.



PETUNIA—NEW STAR.

NEW STAR PETUNIAS

2344. These beautiful Petunias have large, intensely colored flowers from the centre of each of which start the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. The star is a light bluish pink, deepening in color as it reaches the margin, finally blending into the dark, crimson-maroon ground color of the flower. Very prolific bloomers, excellent for bedding. Price, pkt., 10c.; 3 pkts., 25c.

SINGLE PETUNIAS (For Bedding)

2310. **Dwarf Inimitable.** Dwarf plants, 6 to 8 inches high, flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.
 2341. **Striped and Blotched.** Extra strain. Pkt., 5c.
 2342. **Alba.** White; suitable for cemetery. Pkt., 5c.
 2343. **Choice Single Mixed.** 1/4 oz., 20c.; pkt., 5c.
 2354. **"Snowball."** A new very dwarf Petunia. Its well-shaped, beautiful satiny white flowers cover the whole plant with one mass of bloom. Admirably adapted for bedding or pot culture. Price, pkt., 10c.

SINGLE LARGE FLOWERING PETUNIAS

2345. **Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.
 2346. **Grandiflora Fimbriata.** A fine strain, with handsomely frilled and fringed flowers. Pkt., 20c.
 2347. **Yellow Throated.** The flowers are very large and of perfect form, with a broad, deep yellow throat. Pkt., 20c.
 2348. **"Giants of California."** A California strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. (See illustration above.) Pkt., 20c.

NEW GIANT FRINGED BLUE PETUNIA

(*Petunia hybrida grandiflora fimbriata caerulea.*)

2349. An enormously large, deeply cut and finely fringed Petunia of an exquisitely delicate steel-blue color, beautifully veined. Free flowering and very desirable in every way. Price, pkt., 15c.

DOUBLE FLOWERING PETUNIA

2351. **Double Mixed.** Best large flowering double, in finest mixture. Pkt., 25c.
 2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about 30 per cent. of splendid double fringed flowers. Pkt., 35c.



PHLOX DRUMMONDI.

Phlox Drummondii

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large, brilliant flowers of numberless hues throughout the summer. Hardy annual; 1 1/4 feet.

2360. **Phlox Drummondii, Mixed Colors.** Pkt., 5c.; oz., 50c.
 2371. **Large Flowering, Mixed.** Pkt., 10c.; oz., 75c.
 2376. **New Dwarf Large Flowering, Mixed.** Splendid for pot culture and ribbon bedding. Pkt., 10c.
 2367. **Star of Quedlinburg.** The flowers of this striking novelty have a most distinct and star-like appearance. Pkt., 10c.; 3 pkts., 25c.
 2366. **Hardy Perennial Phlox.** Fine mixed varieties. Pkt., 10c.

POPPIES—SINGLE ANNUAL VARIETIES

2379. **Danebrog.** Very showy variety; large single flowers of brilliant scarlet, with a silvery white spot on each petal, thus forming a white cross. Pkt., 5c.
 2380. **Umbrosium.** Richest vermilion, with a deep shining black spot on each petal, thus forming a black cross. Pkt., 5c.
 2383. **Shirley.** These charming Poppies range in color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Pkt., 5c.
 2388. **Tulip Poppy** (*Papaver glaucum*). The plants grow about 14 inches high and produce from 50 to 60 large flowers of dazzling scarlet. Pkt., 10c.



SINGLE POPPY.

2389. **Fire Dragon.** Flowers of brilliant deep scarlet, with black spots margined white; 2 to 2 1/2 feet. Pkt., 5c.
 2385. **The Bride.** A beautiful variety, with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. Pkt., 10c.
 2391. **Single Mixed.** Annual sorts. Pkt., 5c.

DOUBLE ANNUAL POPPIES

2384. **SNOWDRIFT.** Pure snowy white, extremely double flowers, of perfect form and large size. Pkt., 5c.
 2387. **P. NEW WHITE SWAN.** Immense size, very double, with beautifully laciniated petals and of the purest possible white. Pkt., 5c.
 2381. **Mikado.** Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 5c.
 2382. **Carnation-Flowered.** Splendid, double fringed flowers, mixed colors. Pkt., 5c.; oz., 20c.
 2390. **Peony-Flowered.** Large, showy, double globular flowers, mixed colors. Pkt., 5c.

HARDY PERENNIAL POPPIES

2386. **Oriental.** Gorgeous summer-flowering plants, producing in abundance deep crimson flowers five or six inches across. Pkt., 10c.
 2392. **Oriental Hybrids.** Beautiful new hybrids of the Oriental Poppy, producing flowers 6 inches and over in diameter, and of many novel colors, such as salmon and cherry. Pkt., 15c.



BED SINGLE PORTULACA.

PORTULACA

Brilliant dwarf annuals, blooming profusely from early summer to autumn. For low beds and masses of color they are very desirable.

2400. **Finest Single, Mixed.** A large variety, of the most brilliant colors. Pkt., 5c.; oz., 30c.

2401. **Double Rose-Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

PRIMULA

This beautiful flowering plant is indispensable for winter decoration in the home or conservatory. Our seed is very choice, being saved from the best English strains. Sow in March, April or May.

Single Primula

2420. *Sinensis Fimbriata*. Fringed varieties. Very choice, mixed. Pkt., 20c.

2432. **Johnson's Choicest Prize Mixed.**

Our Prize Primula seed is grown by a renowned English specialist, who has received the highest awards at the leading Continental shows. The florets are unsurpassed in size and wide range of brilliant and distinctive colors. Pkt., 30c.

PRIMULA FORBESI (or Baby Primrose)

2423. This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up

tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. Pkt., 20c.



JOHNSON'S PRIZE PRIMULA.

have the true primrose fragrance.

2436. **Floribunda.** Similar to "Obconica," but the flowers are a beautiful primrose yellow. Pkt., 20c.

2425. **Japonica** (*Japanese Primrose*). Pkt., 10c.

2426. **Vulgaris.** Yellow English Primrose. Pkt., 5c.

DOUBLE PRIMULA

2421. **Double. Mixed.** Pkt., 35c.

Our Double Primulas bring a large percentage of double flowers.

2424. **Obconica Grandiflora.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and Pkt., 10c., 3 pkts., 25c.

PYRETHRUM (*Feverfew*)

2440. **P. Parthenifolium Aureum** (*Golden Feather*). A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. **P. Roseum** (*Persian Insect Powder Plant*). Handsome aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.

RICINUS

(*Castor Oil Plant*)

Large, luxuriant, rapid-growing foliage annuals, with large, handsome metallic leaves. Used for sub-tropical effects on the lawn, or for the taller centres of foliage beds; 6 to 10 feet.

2460. **Gibsoni.** Handsome deep red foliage. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.; oz., 15c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves are of a bright metallic bronze; the large branches of the fruit are of a vivid red. Pkt., 5c.

2465. **Ricinus Zan-zibarensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across, and include light and dark green and coppery bronze colors. Pkt., 5c.; per oz., 15c.



RICINUS, CASTOR OIL PLANT.

SALVIA, OR SCARLET SAGE

Gorgeous effects can be produced by massing on the lawn or in the garden, or planted in rows along a sunny drive. A perennial, but blooms the first season from seed.

2520. **Splendens.** Scarlet sage. Pkt., 10c.

2521. **Patens.** Blue sage. Pkt., 10c.

NEW SALVIA SPLENDENS, "SILVER SPOT"

2522. The leaves are rich, soft, dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit. Seed, per pkt., 10c.

2523. **Clara Bedman, or Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.



SCARLET SAGE.

SALPIGLOSSIS (*Velvet Flower*)

The flowers are singularly marked and delicately penciled—in shape resembling a Petunia.

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully penciled. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large flowering Salpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with orchids. Pkt., 5c.

TROPÆOLUM CANARIENSE

490. **CANARY BIRD VINE.** A rapid growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5c.

JOHNSON'S CHOICE SWEET PEAS

A Helpful List arranged as to color. Prices, per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

WHITE

2769. **Dorothy Eckford.** (See cul.) Graceful large flowering.
2722. **Emily Henderson.** Large, pure white, early.
2711. **Mont Blanc.** The earliest. Very large flowering.

YELLOW

2773. **Mrs. Eckford.** A delicate primrose yellow self.
2695. **Queen Victoria.** Light primrose, self-colored.
2767. **Stella Morse.** Rich primrose, flushed pink.

ORANGE-PINK

2808. **Gorgeous.** Rich glowing scarlet-orange.
2705. **Lady Penzance.** Orange-pink, wings pure white.
2714. **Orange Prince.** Orange-salmon, wings pink.
2771. **Oriental.** Bright orange-pink, heavily veined.

PINK AND PINK AND WHITE

2685. **Countess of Aberdeen.** Pink, turning lighter.
2793. **Countess of Lathom.** Delicate pink self.
2749. **Crown Jewel.** Standard suffused with rosy violet; wings creamy white, tinted with rose.
2717. **Hon. F. Bouverie.** Deep pink, shading lighter.
2750. **Katherine Tracy.** Soft but brilliant pink.
2797. **Little Dorrit.** Beautiful clear pink.
2774. **Lovely.** Beautiful soft shell-pink.
2777. **Modesty.** Most delicate shade of pink.
2798. **Mrs. Gladstone.** Lovely soft pink.
2710. **Peach Blossom.** Salmon-pink.
2732. **Prima Donna.** The softest clear pink self.
2752. **Royal Robe.** A bright but soft pink self.
2768. **Sensation.** White, suffused with bluish-pink.
2712. **Blanche Ferry.** Pink and white.
2690. **"Earliest of All."** Pink and white, very early.
2755. **Extra Early Blanche Ferry.** Pink and white.

ROSE OR DEEP PINK

2730. **Her Majesty.** A most beautiful rose.
2720. **Lady Skelmersdale.** Standard light carmine, shading to white; wings almost pure white.
2790. **Majestic.** Rich deep rose-pink self.
2778. **Ovid.** Rose pink margined with deeper rose.

ROSE-CRIMSON AND SCARLET AND CRIMSON

2791. **Lord Kenyon (new).** Rose-magenta, flushed crimson.
2715. **Mrs. Dugdale.** Crimson-rose. Large flowering.
2675. **Oddity.** Peculiar pale carmine and bright rose.
2733. **Prince of Wales.** Rose-crimson; self-colored.
2728. **Firefly.** Brilliant scarlet.
2747. **Mars.** Crimson-scarlet.
2688. **Salopian.** The best of the crimson-scarlets.

MAROON

2705. **Black Knight.** Deep maroon; self-colored.
2713. **Bareton.** Very dark maroon; self-colored.
2727. **Duke of Clarence.** Rich deep claret self.
2670. **Duke of Sutherland.** Claret and indigo-blue.
2735. **Monarch.** Deep bronzy maroon with blue.
2721. **Othello.** A very deep glossy maroon self.

G. H. BURNETT, St. Johns, N. B., Canada, March, 15, writes: "Your Sweet Peas have always given me the greatest satisfaction. I have bought from other houses, but the results in growth, bloom, variety of color and earliness could not compare with yours."



DOROTHY ECKFORD SWEET PEA. LARGE FLOWERING WHITE.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.

JOHNSON'S RAINBOW MIXTURE

Guaranteed to please

2700. Positively the highest-grade mixture that can be made. Mixed by ourselves exclusively and includes many recent "Novelties," both English and American, and highest improved standard varieties. We spare no pains to keep it pure and to maintain its enviable reputation. Sure to give you many delightful surprises as the new colors and shades unfold.

Price, pkt., 5c.; oz., 8c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

ECKFORD'S LARGE FLOWERING MIXED

2726. **A Fine Mixture.** This strain, although not embracing the most recent novelties, contains a good assortment of the famous Eckford Sweet Peas. A good Standard Mixture. Pkt., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

BLUE AND PURPLE

2792. **Captain of the Blues.** Standard purple-blue, wings bright blue.
2774. **Celestial.** Delicate azure blue.
2716. **Countess Cadogan.** Standard light bluish purple; wings clear blue.
2796. **Duke of Westminster.** Standard clear purple; wings purple, with tint of violet.
2703. **Navy Blue.** Standard indigo and violet; wings indigo, shading to navy blue and bright blue.

PURPLE-MAUVE AND LAVENDER

2725. **Dorothy Tennant.** Rich rosy mauve self.
2731. **Emily Eckford.** Rosy mauve, changing to an almost true blue.
2791. **Fascination (new).** Delicate magenta-mauve.
2738. **Countess of Radnor.** Pale mauve or lavender.
2731. **Golden Gate.** Shaded lavender.
2719. **Lady Grisel Hamilton.** Standard mauve; wings lavender. Flowers extra large.
2687. **Lady Nina Balfour.** Delicate light lavender.

BLUE OR LAVENDER-EDGED

2723. **Lottie Eckford.** White, shaded and edged with soft lavender.
2776. **Maid of Honor.** White, edged and shaded with light blue.

VARIEGATED

2677. **America.** Crimson-scarlet, striped on white.
2746. **Coquette.** Primrose-yellow, shaded pale lavender.
2672. **Daybreak.** Crimson scarlet, on white ground.
2770. **Dolly Varden.** Purple-magenta, shaded white.
2674. **Gray Friar.** Beautiful light watered purple on white ground, having a grayish effect.
2756. **Juanita.** White, striped with pale lavender.
2673. **Lottie Hinchins.** Cream, flaked with pink.
2683. **Mikado.** Cerise ground, veined with white stripes.
2671. **Mrs. Joseph Chamberlain.** White, striped and flaked heavily with pale rose.
2795. **Pink Friar.** Carmine rose on white ground.
2678. **Ramona.** Creamy white, splashed with pale pink.
2754. **Waverly.** Standard rosy claret; wings light blue.

Price, any of the choice named sorts, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

SENSITIVE PLANT

(Mimosa)

2040. A curious plant, leaves close if touched or shaken. Pkt., 5c.

SMILAX

2120. A graceful climber. Largely used for decorations and bouquets. Pkt., 10c.; $\frac{1}{4}$ oz., 15c.; per oz., 40c.

DWARF LARGE FLOWERING STOCKS

The Dwarf German Ten Weeks Stocks are easily grown and are of great beauty and fragrance.

		Pkt.
2660.	Blood Red	\$0 10
2661.	Crimson	10
2662.	White	10
2663.	Pink	10
2663.	Blue	10
2665.	Mixed	10
2666.	Dwarf Wall-flower Leaved, Mixed. Pkt., 10c.	

2667. Snowflake. A fine variety, with very large and double pure white flowers. Pkt., 10c.

2669. Princess Alice (Cut and Come Again). A perpetual blooming, double, pure white; excellent for cutting. Pkt., 10c.

STOKESIA CYANEA

(The Cornflower or Stokes' Aster)

2655. This native hardy plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms each measuring from 4 to 5 inches across.

We have no hesitation in saying that Stokesia is one of the most valuable and desirable hardy plants offered. Seed: per pkt., 10c. Plants: each, 15c.; per doz., \$1.50.



SWEET WILLIAM.

1510. Californicus Plenissimus. Extra large, double saffron-colored flowers. Pkt., 5c.

1512. Globosus Fistulosus (Dahlia Sunflower). Flowers very double and of medium size. Pkt., 5c.



SUNFLOWER.

SWEET WILLIAM

(Dianthus Barbatus)

Favorites in every garden. Perfectly hardy and with a rich profusion of bloom. No plant can surpass this old favorite. Height, 1 ft.

2741. Perfection Single Mixed. Pkt., 5c.; oz., 25c.

2740. Double Mixed. Pkt., 10c.

2742. Auricula Flowered. Choice single varieties. Pkt., 5c.

SUNFLOWER

(Helianthus) — SINGLE VARIETIES

1511. Miniature Sunflower (Cucumerifolius). Dwarf branching habit, flowers orange with black centre Oz., 25c.; pkt., 5c.

DOUBLE VARIETIES

1510. Californicus Plenissimus. Extra large, double saffron-colored flowers. Pkt., 5c.

1512. Globosus Fistulosus (Dahlia Sunflower). Flowers very double and of medium size. Pkt., 5c.

THUNBERGIA

(Black-Eyed Susan)

A beautiful class of very ornamental climbers, suitable for greenhouse or outdoor culture

2760. Alba Oculata. White, dark eye. Pkt., 5c.

2761. Aurantiaca. Orange, dark eye. Pkt., 5c.

2762. Bakeri. Pure white. Pkt., 5c.

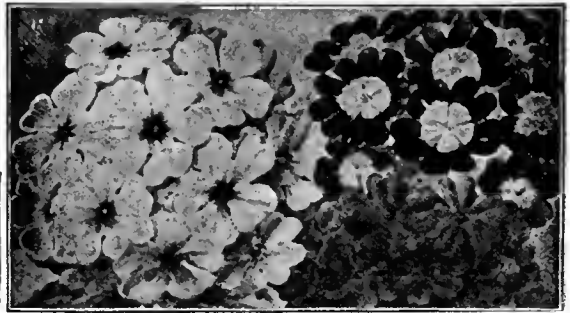
2763. Fine, Mixed. Choice shades. Pkt., 5c.; oz., 40c.

2764. Alata. Buff, dark eye. Pkt., 5c.

TROPÆOLUM

(Canary Bird Flower)

490. A rapid growing annual climber. Flowers resemble a bird with expanded wings. Pkt., 5c.



MAMMOTH VERBENAS.

VERBENA

For garden beds or massing the Verbena is unrivaled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom profusely the first season from seed.

New Mammoth. Our strain of Mammoth Verbenas is unexcelled; flowers of the largest size and brilliant colors.

2810.	Mammoth White . . .	Per pkt., 10c.; per oz., \$1.50.
2811.	" Scarlet . . .	
2812.	" Pink . . .	
2813.	" Purple . . .	
2814.	" Striped . . .	
2815.	" Mixed, pkt., 10c.; per oz., \$1.00.	
2825.	Fine Mixed. Pkt., 5c.; per oz., 75c.	
2826.	Lemon Verbena. (Aloysia Citrodora.) Pkt., 10c.	

NEW MOSS VERBENA

No. 2827. This new strain of Verbena is not over 6 inches high, but branches out and literally covers the ground. It is smothered with flowers of the true Verbena type all summer long. It is valuable anywhere, but especially so for bedding and edging. Price, per pkt., 10c.

VIOLET (Viola Odorata)

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; $\frac{1}{2}$ ft.

2860. V. Single White. Sweet scented. Pkt., 10c.

2861. V. Single Blue. Sweet scented. Pkt., 10c.

WALLFLOWER (Cheiranthus Cheri)

A handsome, popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. Wallflower, Double Mixed. Yellow, brown and purple flowers. Pkt., 10c.

2901. Single Mixed. Showy colors. Pkt., 5c.; oz., 25c.

ZINNIA—(Youth and Old Age)

The double Zinnia is one of the most brilliant and showy of annuals.



MAMMOTH ZINNIAS.

2941. Mammoth (Robusta Plenissima). Very large flowers, perfectly double and of striking colors. Bushy habit. Pkt., 10c.; oz., 40c.

Large Flowering Double Dwarf.

2930. Scarlet. Pkt., 5c.

2931. Orange. Pkt., 5c.

2932. White. Pkt., 5c.

2933. Canary. Pkt., 5c.

2942. Striped Zebra. A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. Pkt., 10c.

2933. Curled and Created. Large flowers with twisted petals, great range of color. Pkt., 10c.

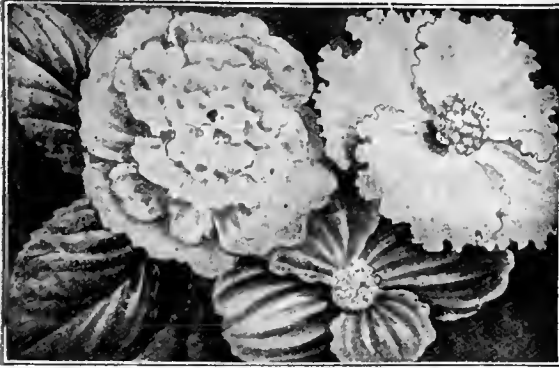
2939. Dwarf Varieties. Mixed. Oz., 35c.; pkt., 5c.

2940. Tall Varieties. Mixed. Oz., 20c.; pkt., 5c.

SUMMER FLOWERING BULBS

NOTE.—Bulbs quoted by the dozen will be sent by mail postpaid only where so specified

BEGONIAS—Tuberous Rooted



TUBEROUS-ROOTED BEGONIAS.
Per dozen, 40c.; per 100, \$2.75; per 1000, \$25.00.

BEGONIAS—Selected Bulbs

(1¼-1½ inch bulbs.)

	Each	Doz.	Per 100	Per 1000
Postpaid				
Single: White, scarlet, crimson, rose and yellow . . .	\$0 05	\$0 40	\$2 75	\$25 00
" Choice Mixed	5	35	2 50	22 00
Double: White, scarlet, crimson, rose and yellow . . .	8	75	5 00	45 00
" Choice Mixed	8	60	4 50	38 00

NEW CRISPA OR FRILLED BEGONIAS

Magnificent flowers with frilled and wavy petals, measuring 4 to 6 inches across, of unique form and the most brilliant colors. 25c. each; \$2.75 per dozen (postpaid); \$18.00 per 100.

CANNAS—Selected Large Flowering

If desired by mail, add 10c. for postage.

	Per Doz.	Per 100
Alphonse Bouvier. Crimson, 6 ft.	\$0 60	\$4 50
Alsace. Sulphur white, 4½ ft.	60	4 50
Beaute Poltevine. Brilliant, crimson scarlet, 3 ft.	60	4 50
Black Prince. Very dark velvety maroon, 3½ ft.	60	4 50
Buttercup. Finest yellow, 3 ft.	1 00	6 50
Chas. Henderson. Bright crimson, 4 ft.	60	4 50
Cinnabar. Cinnabar red, edged yellow, 4½ ft.	85	6 50
Egandale. Currant-red, bronze leaved, 4 ft.	60	4 50
Florence Vaughan. Yellow, spotted red, 4 ft.	60	4 50
Luray. Deep rose pink, 4½ ft.	75	5 50
Mme. Crozy. Gilt-edged scarlet, 4 ft.	60	4 50
Mlle. Berat. Bright pink, 4 ft.	60	4 50
Queen Charlotte. Crimson scarlet, broad canary yellow border, 3 ft.	60	4 50
Secrétaire Chabanne. Salmon, 3 ft.	60	4 50
Souv. de Antoine Crozy. Intense scarlet with golden edge, 3½ ft.	60	4 50

ORCHID FLOWERED CANNAS

	Each	Doz.	Per 100
Allemania. Salmon scarlet, with yellow border, 6 ft.	\$0 60	\$4 50	\$35 00
Austria. Canary yellow, with yellow dots in the center, 6 ft.	60	4 50	
Italia. Bright orange scarlet, with yellow border, 6 ft.	60	4 50	
Pennsylvania. Vermilion scarlet, overlaid with orange, 6 ft.	85	6 50	
Cinnamon Vine Roots.	\$0 05	\$0 50	\$3 50

JAPANESE FERN BALLS

(Directions for starting accompany each order.)



	Each	Doz.	Per 100
Small size, 5 to 6 inches in diameter	\$0 25	\$1 75	\$12 00
Large " 7 " 9 " " " " " " " " " "	40	2 75	21 00

CALADIUM ESCULENTUM
(ELEPHANT'S EARS)

	Per Doz.	Per 100
Large size	\$2 00	\$11 00
Medium size	1 50	9 00
Small size	60	4 00

CYCAS REVOLUTA—Sago Palm

Ready in March

	Per 100
Per pound	\$0 12
10 pounds	1 00
25 pounds	2 00
100 pounds	7 50
300 pounds (case)	21 00
Stems are graded in cases as follows: ½ lb. to 2 lbs.; 2 lbs. to 5 lbs.; 5 lbs. to 10 lbs.	

GLADIOLUS

Strictly first size Bulbs

	Per Doz.	Per 100	Per 1000
Scarlet and Crimson, mixed	\$0 25	\$1 25	\$10 00
White and Light, shades mixed	30	2 00	16 00
Yellow and Orange, shades mixed	40	3 25	29 00
Striped and Variegated, mixed	35	2 25	20 00
Pink and Rose, shades mixed	30	1 75	13 00
New Giant (Childsij), mixed	35	2 25	19 00
Lemoine's Hybrids, mixed	30	1 75	14 00
Groff's Hybrids, extra fine mixed	30	1 75	15 00

JOHNSON'S PRIZE WINNER MIXTURE, No. 1.

A superb collection of Gandavensis, Childsij and Lemoine Gladioli, that cannot be excelled for size of flowers and range of brilliant colors. 30c. per doz.; \$1.50 per 100; \$13.00 per 1,000.

JOHNSON'S PRIZE WINNER MIXTURE, No. 2.

The same as above, but smaller bulbs. 25c. per doz.; \$1.25 per 100; \$9.00 per 1,000.

GLOXINIAS—Giant Flowering

An unsurpassed giant flowering strain from a Ghent specialist. Selected Bulbs (1¼-1½ inches in diameter).

	Each	Doz.	100
Blue	\$0 05	\$0 60	\$4 00
White	5	60	4 00
Spotted	5	60	4 00
Crimson	5	60	4 00
Violet, white border	5	60	4 00
Red " " " " " " " " " " " "	5	60	4 00
Mixed	5	50	3 50

Extra Large Bulbs (1½-2 inches in diameter)

	Each	Doz.	100
Blue	\$0 08	\$0 75	\$5 00
White	8	75	5 00
Spotted	8	75	5 00
Crimson	8	75	5 00
Violet, white border	8	75	5 00
Red " " " " " " " " " " " "	8	75	5 00
Mixed	8	60	4 50
Mexican or Mignonette Vine Roots	5	50	3 00

6 Bulbs at dozen rate; 25 at 100 rate; 250 at 1000 rate

JOHNSON'S
SUPERB

DAHLIAS

DAHLIAS OF SPECIAL
MERIT

- GENERAL BUTLER** (*Fancy Cactus*). Velvety maroon, tipped white, very distinct color. 20c. each.
- KRIEMHILDE** (*Cactus*). Exquisite pink and white flowers, one of the most popular Dahlias and invaluable for cutting. 20c. each.
- MRS. H. J. JONES** (*Cactus*). Scarlet crimson, striped white, exquisite both in color and form. 20c. each.
- VOLKER** (*Cactus*). Splendid rich yellow. Perfect cactus form. 20c. each.
- MRS. ROOSEVELT** (*Decorative*). This novelty has probably won more admiration than any Dahlia heretofore introduced. The beautiful silver pink flowers are gigantic in size and perfect in form. 25c. each.
- MRS. WINTERS** (*Decorative*). Large, chaste, snow-white flowers, of the rarest beauty and refinement. 20c. each.
- FLORIDORA** (*Cactus*). Dark velvety crimson an early and profuse bloomer, of exquisite form and color. 20c. each.
- GALLIARD** (*Cactus*). Rich glowing carmine, long tubular incurved petals, one of the very best. 20c. each.

We will mail one each of the above 8 desirable sorts for \$1.50.

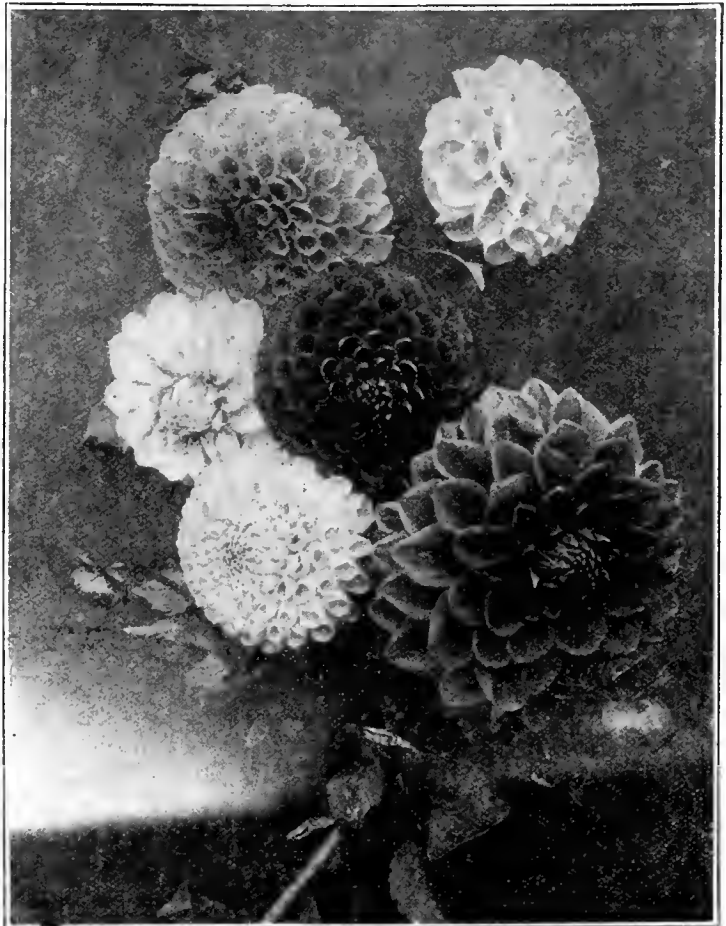
CACTUS DAHLIAS

- Chas. Woodbridge**. Rich crimson flowers of the finest cactus type.
- Miss A. Jones**. Bright crimson scarlet, splendid color.
- J. W. Fife**. Purple maroon, very rich.
- Hunold**. Tile red. Immense flowers. Splendid.
- Britannia**. Deep salmon flesh. Dainty color, large, early and free.
- Capstan**. Orange scarlet, shaded apricot, brilliant.
- Countess of Lonsdale**. Pink and amber. Large flowers of perfect form, in profusion. The most satisfactory Cactus Dahlia in cultivation.
- Earl of Pembroke**. Bright plum, splendid quilled petals.
- Fighting Mac**. Rich blood red. A free and continuous bloomer.
- Queen Wilhelmina**. Deep chestnut. Free and fine.
- Rosenhagen**. Salmon rose, edges magenta.
- Strahlen Krone**. Intense cardinal red, very large, an early and continuous bloomer.
- Any of the above varieties, 15c. each; \$1.50 per dozen, postpaid.

DECORATIVE DAHLIAS

- Catherine Duer**. Newport's fashionable flower, iridescent crimson scarlet.
- Clairibel**. Large, rich, royal purple flowers, on long, graceful stems, a splendid variety.
- Grand Duke Alexis**. Pure white, delicately tinged pink, fine.
- Henry Patrick**. Snow white, large and free.
- Lucille**. Old gold, odd and pretty.
- Mephisto**. Orange scarlet, one of the brightest.
- Sundew**. Massive orange scarlet flowers in great profusion.
- Sylvia**. White shading to pink, large, early and free. A fine color.
- Wm. Agnew**. Dazzling pure red, exquisite color and form.
- Zulu**. (The black Dahlia.) Black maroon, rare shade.

Any of the above varieties, 15c. each; \$1.50 per dozen, postpaid.



SHOW DAHLIAS

- Carol**. Pure white, delicately tinted soft pink. Sturdy and free.
- Client**. Large deep velvety crimson. Splendid form and color.
- Emily**. Lavender and white. Large and distinct.
- Frank Smith**. Deep purple maroon, tipped white with pink shadings. One of the most charming fancies.
- Frank Goodman**. Purple, tipped white. Very distinct.
- Jno. Bennett**. Salmon buff. A rare and attractive shade.
- Kaiser Wilhelm**. Yellow, tipped carmine. Fine quilled form and conspicuous color.
- Maid of Kent**. Rich crimson tipped snow white, variable.
- Purity**. Snow white, of ideal form.
- Queen Victoria**. Splendid golden yellow. Beautifully quilled.
- Red Hussar**. Bright cardinal red, of perfect form. Very free.
- Thos. Westcott**. Fiery red, tipped white, beautiful.
- Arrah-na-Pogue**. Fancy, maroon tipped white, very distinct.
- Buffalo Bill**. Fancy, golden orange, striped crimson.
- Le Phare**. Bright red flowers on long stems, splendid.
- Model of Perfection**. Deep rose. Small but beautiful flowers, both in form and color.
- Prince Bismarek**. Exquisite rich purple.
- Red Head**. A dwarf bedding plant, producing large, beautiful bright red flowers in the greatest profusion.
- Any of the above sorts, 15c. each; \$1.50 per dozen, postpaid.

MIXED DAHLIAS

We have a large surplus of undivided field-grown roots in unnamed varieties from a splendid collection, at 10c. each; \$1.00 per dozen; \$5.00 per 100; \$40.00 per 1000.

Johnson's High-Grade Lily of the Valley Pips

We import the finest stocks procurable of Berlin and Hamburg Pips.

Johnson's Selected 3-year-old Berlin Pips for Christmas or early forcing.

Per Doz.	Per 100	Per 1000	Per Case 2500 Pips
\$0 30	\$1 50	\$13 00	\$30 00

Hamburg, for later forcing.

Per Doz.	Per 100	Per 1000	Per Case 2500 Pips
\$0 30	\$1 25	\$11 00	\$25 00

Cold Storage Lily of the Valley
Prices on application.

JAPANESE LILIES

LILIUM AURATUM

(The Golden-Banded Lily of Japan)

This queen of lilies has immense blooms, measuring nearly a foot across. The large, white petals are thickly spotted with rich chocolate crimson, and have a bright golden-yellow band through the center of each.

	Each	Doz.	Per 100
8 to 9 inches { Add 15c. per doz. if to be sent by mail.	\$0 12	\$0 80	\$5 50
9 to 11 inches {	20	1 50	8 50

LILIUM (Lanceifolium)

SPECIOSUM RUBRUM

Add 15c. per doz. if wanted by mail.

7 to 9 inches	12	90	6 50
9 to 11 inches	20	1 50	9 00

LILIUM (Lanceifolium)

SPECIOSUM ALBUM

Add 15c. per doz. if wanted by mail.

8 to 9 inches	12	1 25	8 00
9 to 11 inches	20	1 75	13 00

LILIUM (Lanceifolium)

SPECIOSUM MELPOMENE

Add 15c. per doz. if wanted by mail.

Rich crimson, heavily spotted, fine.			
8 to 9 inches	12	1 10	7 00



LILIUM AURATUM.

The Golden-Banded Lily of Japan. Large size, 20c. each; per doz., \$1.50.



PÆONIES

DOUBLE SWEET SCENTED SUPERB VARIETIES

The Pæony continues to grow in popular favor. The varieties offered herewith have been selected by an eminent specialist with a view of meeting the demands of a critical florists' trade; hence the varieties quoted are those which produce long stems, magnificent flowers, and the most desirable sorts for cutting. Price of any of the following varieties, 25c. each; \$2.25 per doz.; \$13.00 per 100.

- Alba Plena. White, very popular.
 - Agida. Rich, glowing dark red.
 - Caroline Allain. Blush white.
 - Fragrans. Deep pink, with light center.
 - Hamel. Large pink; with blush center; fine.
 - Madame Calot. Pure white, tinted rose.
 - Ne Plus Ultra. Brilliant rose, edged white.
 - Prince Prosper d'Aramberg. Flesh pink, extra large flower.
 - Puleherrima. Rose violet center, rose and salmon.
 - Rosea Elegans. Rosy purple with lighter center.
 - Reevesii. Soft pink, red blotch on center petals.
 - Rubra Triumphans. Rich glowing crimson.
 - Queen Victoria. White, red blotch on center petals.
 - Duke of Wellington. Soft white, creamy white center.
- Per dozen, \$2.25; \$16.00 per 100.
- Festiva Alba. Pure white, very fine.
 - FESTIVA MAXIMA. White, center petals flaked red; magnificent flower; the most popular of pæonies. Each, 35c.; \$3.75 per dozen.

DOUBLE CHINESE PÆONIES

	Each	Per doz.	Per 100
Pink Shades	\$0 20	\$1 70	\$10 00
Red	20	1 70	10 00
White	25	1 75	12 00
Mixed—All colors	20	1 50	8 00

PÆONY OFFICINALIS

The "old-fashioned Pæony," flowering about two weeks earlier than the Chinese variety, with large, fragrant double flowers, the "Rubra" or crimson being the most popular of this species for cutting.

	Each	Per Doz.	Per 100
Rubra. Brilliant glowing crimson	\$0 20	\$1 25	\$7 00
Rosea. Bright rosy-pink	25	1 75	13 00
Alba. Blush-white	25	2 25	16 00

NOTE.—The prices of PÆONIES by the DOZEN include postage prepaid. If desired by freight or express, deduct 20c. from the dozen rate.

6 BULBS AT DOZEN RATE; 25 AT 100 RATE; 250 AT 1000 RATE, OF ANY ONE VARIETY.

JOHNSON'S HIGH GRADE ROSES

LEAFLET ESSAY, "Hints on Rose Culture," included free with each order if you ask for it.

NOTICE.—We offer mailing-size roses only. See Foot-Note.

"THE IDEAL" SET OF HARDY EVER-BLOOMERS

Hermosa. Everybody knows the beauty and constancy of this old favorite. Clear bright Pink; very double and fragrant and quite hardy. No list complete without Hermosa.

Marie Guillot. Large, full flowers, pure snowy white in color. Admirably adapted to outdoor culture. Always in bloom and always satisfactory.

Marie Van Houtte. Fine for open ground. Beautiful straw-yellow. Very double; unusually fragrant; an abundant bloomer.

Maman Cochet. Pink tea rose with enormous flowers of great depth and substance. Never fails to grow and bloom profusely with only ordinary care. A beautiful rich coral Pink.

Kaiserin Augusta Victoria. Pure ivory-white flowers, of enchanting fragrance and beauty. Stems long and stiff; growth strong; every flower a beauty.

Queen's Scarlet. Very hardy scarlet rose, of a rich velvety crimson. Handsome-shaped buds and flowers. Most valuable for garden culture; a bed once established is a mass of bright scarlet the entire blooming season.



MARIE VAN HOUTTE ROSE.

Bessie Brown. Superb new white rose. Exquisite long buds, of warm, soft flesh pink tint, that glisten like mother-of-pearl. Constant, profuse bloomer and delightfully perfumed. Hardy and vigorous.

Helen Gould (Red Cochet). One of the best roses ever introduced. Intense carmine crimson with deeper shades in the depth of the petals, much like American Beauty. Wonderfully prolific and entirely hardy.

Etoile de Lyon. Well-known golden yellow, of great vigor and sweetness. The best Pure Yellow Rose for garden planting yet introduced. Makes beautiful buds; is very double and fragrant.

Papa Gontier. Noted for its perfect bud and long stem. Carmine crimson. Fine for cut flowers. Sometimes called "The Ever-blooming Jack."

Mad. Franceska Kruger. Splendid for general culture, its striking color and free growth giving it popularity wherever grown. Beautiful coppery yellow, with large flowers. Unlike any other rose in our list.

La France. Too well known to need more than a mention. Great satiny pink flowers.

Prices of above "Ideal" Roses:

1 year, 15c. each; any 6 for 60c.; set of 12 for \$1.00, by mail, postpaid.

FIVE COLLECTIONS ARRANGED WITH CARE TO SUIT YOUR GARDEN

PRICES AT END OF LIST

COLLECTION "A"

THE LA FRANCE QUARTET

The **La France** type of roses are nearer to perfection than any other class and should have a place in every garden. They are without a rival for their rich fragrance and handsome buds and great satiny flowers. We offer White, Red, Striped and the true Pink **La France**.

COLLECTION "B"

THE COCHETS

All good growers, splendid bloomers and fine bedding sorts. Every plant is a gem and in great demand. Queens among roses; flowers are enormous, full and deliciously sweet. Pink **Maman Cochet**, Yellow **Cochet**, White **Cochet**, Red **Cochet** (*Helen Gould*).

COLLECTION "C"

THE SOUPERT SET

The **Souperets** are world-famous. Noted for their beautiful camellia form and good bedding qualities. Bloom early and continue loaded with lovely buds and flowers all summer and fall. Yellow, Pink, White and the new Climbing **Cloilde Soupert**.

COLLECTION "D"

THE HERMOSA ROSES—ALWAYS IN BLOOM

The **Hermosas** are the old-fashioned, hardy, bedding roses our grandmothers loved. Exquisitely formed and daintily scented. We have them. Purest White, satiny Pink, velvety Scarlet, or rich Canary Yellow.

Prices of above Collections, A, B, C, D, E, single plants, 1-year, 15c. each; any one complete set for 50c., postpaid; the 5 complete sets for \$2.25, postpaid.

COLLECTION "E"

FOUR FAMOUS RAMBLERS

Yellow Rambler. The only yellow hardy Climbing Rose. The bloom is frequently borne in clusters of from 120 to 150 flowers; the color is a clear, decided yellow, changing in two or three weeks to a beautiful cream-color.

Pink Rambler. Like the above in great vigor, hardiness and lavish bloom, but with flowers of rich, rosy pink.

White Rambler. Exquisite pure white double flowers in large clusters. Has all the grand traits of the other Ramblers.

Crimson Rambler. Incomparably the finest in effect of all Climbers. The great trusses of small, glowing crimson flowers appear in June, and remain brilliant for weeks. Shoots from 8 to 10 feet high spring up in one season. As hardy as an oak.

BABY RAMBLER

Yes, we have it, and it will create a sensation among lovers of new roses the coming season. It will bloom on the cutting bench if allowed. An absolutely hardy, ever-blooming cluster rose, much like the well-known **Crimson Rambler**, but of dwarf growth. Will bloom all the season, outdoors and indoors as well. Nice mailing size plants, 25c.; 3 for 50c.; 7 for \$1.00. Everybody will want it, and our plants are fine. Will be in great demand—don't delay in ordering.



Mailing Size Only. Our roses are small, well-rooted plants, grown especially for sending by mail, postpaid. Therefore we do not handle what are known as "two-year-old" roses. Our desire is to give our customers an opportunity to obtain at moderate prices varieties which cannot always be procured from a local florist.



The **Heritage** is the latest novelty in strawberries. Originated in Burlington County, N. J., it has attracted much attention in Philadelphia markets, owing to its very large size, dark shining crimson color and fine quality. Extremely large from its first pickings, holding its size and yielding abundantly after all other varieties are gone. Price, postpaid, \$1.00 per dozen; by express, 85c. per dozen; \$3.00 per 100; \$10.00 per 1000. Special prices by letter for larger lots.

SEVEN STANDARD STRAWBERRIES

Price on each variety, per dozen, 40c.; per 100, \$1.25, by mail, postpaid; by express, per dozen, 25c.; per 100, 75c.; per 1000, \$6.00. In 1000 lots we will assort varieties

AUTO. A new, perfect flowering Delaware berry, of large size and extra fine quality. Enormously prolific, of unusual vigor and carries its fruit well up from the ground. Will flourish and bear fine crop under adverse weather conditions. Flavor delicious; pointed in shape.

BUBACH, No. 5. (Midseason.) A prominent grower says: "If all varieties were culled out but ten, I would place Bubach, No. 5, at the head of the list, on account of its large, bright berries, immense yield and fine flavor." Pistillate.

"THE GANDY." (Late.) One of the best late strawberries ever introduced. The fruits are uniformly large, perfect in form and firm; color, bright crimson and glossy. Quality superb. Perfect blooming.

THE MAXIMUS. One of the largest and most beautiful of all strawberries. (Late.) Perfect bloomer; strong, robust and prolific. Berries conical, deep glossy scarlet; flesh pink, very tender, of mild flavor.

OOM PAUL. This new strawberry is pronounced by many growers who have tried it a perfect wonder. Stupendous in size and delicious in flavor. Good shape, elegant color and fine shipper. A very rank grower and a perfect bloomer. The berries are giants; six have been known to fill a quart box, and the last picking never runs small. Single plants yield a full quart. Very prolific. Perfect bloomer.

GLEN MARY. (Midseason.) Perfect flowering. Vigorous, of Brandywine type. Enormously productive of large, deep red berries. Flesh very firm. Red clear to the center; sweet, rich and high-flavored; a decidedly good all-round berry.

BRANDYWINE. (Midseason to very late.) Brandywine is already world-famous. In fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory. The berries are of large size, glossy scarlet, very firm, solid and shapely, rich, juicy and luscious, and wonderfully productive. Perfect flowering.



CALIFORNIA PRIVET

Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

A vigorous grower, with leaves of a good, rich shade of green; it is almost an evergreen, the new leaves putting forth as the old ones fall.

Privet can be pruned at any time, and the more this is done, the better it will look and the thicker it will grow. Insects never attack it, and it does not grow dull, but holds its beautiful green foliage throughout the season.

We have a fine lot of good, strong, well-rooted, well-branched plants to offer. They should not be compared to the tall spindling things often offered.

	Per 100	Per 1000
Prices: 18 to 24 inches.	\$3.25	\$28.00
2 to 3 feet.	3.75	30.00

BEE HIVES



The Dove-tailed Hive is taking the lead of the single-walled hives, as it contains many of the most desirable features of the various hives for rapid handling of bees, and is one of the cheapest hives manufactured.

It is dove-tailed together, as shown in cut, and that is what gives it its name.

	Each set up.	Per 5 in flat.	Per 10 in flat.
No. 1. Dovetailed Hives, eight frame, all parts complete.....	\$2 85	\$9 75	\$18 00
No. 2. Dovetailed Hives, ten frame, all parts complete.....	3 00	10 50	19 50
No. 5. Dovetailed Hives, eight frame, all parts complete.....	3 00	10 50	19 50
Each in Flat, 70c. cheaper.			

DOVETAILED SUPER

With plain section and fence

Each, complete, 95c., nailed; 70c., in flat.

SECTION BOXES

No. 1. Made up of the choicest white basswood, perfect in finish and free from defects.

Price, per 25, 30c.; per 100, 75c.; per 1000, \$5.00.

Write for special price on large quantities.

No. 2. Made of basswood, but not finished as perfectly as the No. 1.

Price, per 100, 65c.; per 1000, \$4.50.

Hoffman Frames, thick top, self-spacing, put up, \$4.00 per 100; in flat, \$2.90 per 100.

We carry all Working Parts for Hives.

Write for prices.

COMB FOUNDATION

Made from pure bright yellow beeswax. Price, Medium Brood, 58c. per lb.; Light Super, 65c. per lb.; Thin Super, 70c. per lb.

If by mail, add 16c. per lb. for postage.

PAPER EGG BOXES

For carrying 1 dozen eggs. 25c. per dozen; \$1.00 per 100; \$8.00 per 1000. (1000 lots printed with name free of charge.

LEVER HAY CUTTERS

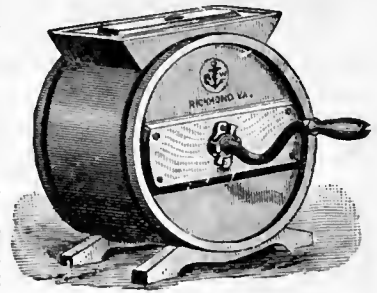
For use on a small scale. Gauges regulate the length of cut. Price, \$3.00.

CHURNS

The Cylinder. Of white cedar, handy and useful; very satisfactory

No. 1, 2 gals., \$1.75; No. 2, 4 gals., \$2.00; No. 3, 7 gals., \$2.50.

The Lightning. No. 0, 2 gals., \$2.00; No. 1, 3 gals., \$2.25; No. 2, 4 gals., \$2.50.



CYLINDER CHURN.

THERMOMETERS

Floating Glass Dairy, each, 15c. and..... \$0 25

Hot Bed or Mushroom Bed, with brass end.. 1 50

Incubator Thermometers, each..... 50

Brooder Thermometers, each..... 40

BANNER ROOT CUTTERS

No. 7. Small machine for cutting fine; very useful. \$5.00.

No. 20. Hand Machine. \$8.50.

No. 15. Hand and Power. Has Band Wheel for light power. \$9.50.

No. 28. Improved machine for hand and power. Fine for large users. Send for circular. Without pulley, \$15.00; with pulley, \$16.00.



BANNER ROOT CUTTER, No. 20. Capacity 30 to 50 bush. per hour. Price, \$8.50.

The Market Gardener's "Boss" Plow



MARKET GARDENER'S "BOSS." The best one-horse plow.

This plow is fitted with three moldboards, one very small for loosening up root crops, and two larger ones. Also a very large double moldboard for ridging and furrowing.

Price, with three moldboards and one extra share..... \$5 25

Double moldboard extra..... 1 50

Extra shares, 30 cents each; landslides, 40 cents each.

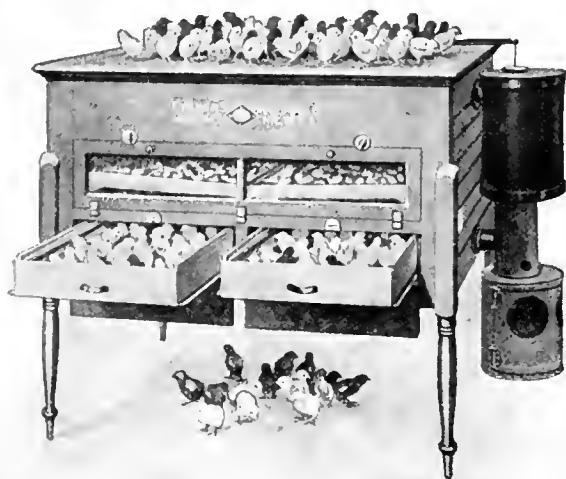
We carry a full stock of A. I. Root's Bee Keepers' and other Supplies. Write us about your needs.

We carry a large line of Iron Age and Planet Jr. Farm and Garden Tools. See Page 96 and Third Cover.

Johnson Seed Company are Sole Philadelphia Agents for
the Genuine Standard

CYPHERS INCUBATORS ^A_N^D BROODERS

WORLD'S STANDARD HATCHER—FIRE-PROOFED—INSURABLE.



No. 3.—The Largest Size Standard Cyphers Incubator, 1909 Pattern, 390-Egg Capacity. Price, \$38.00.

Something New—Fire-Proofed, Insurable Standard Cyphers Incubators

Poultry keepers, the world over, will be interested in knowing that all Standard Cyphers Incubators for 1909 are built in compliance with detailed specifications adopted by the National Board of Fire Underwriters in the form of "Rules and Requirements," and that every 1909 pattern Incubator and Brooder manufactured by Cyphers Incubator Company will be of improved construction and the first in the world to be fire-proofed and insurable, being regularly inspected by the Underwriters' Laboratories (Inc.), under the direction of the National Board of Fire Underwriters, and will bear the Official Label of the Fire Insurance Underwriters.

CYPHERS INCUBATOR COMPANY

The First in the World

to build Incubators and Brooders that meet the requirements of the associated fire insurance interests, and is the first company in the history of the poultry business to be granted labels by the fire underwriters, covering inspected and approved incubators and brooders that have satisfactorily stood the test and MET THE REQUIREMENTS of their expert engineers. THIS MEANS THAT EVERY INCUBATOR AND EVERY BROODER THAT BEARS THE FIRE UNDERWRITERS' OFFICIAL LABEL MUST BE ONE THAT HAS BEEN INSPECTED AND APPROVED BY REPRESENTATIVES OF THE UNDERWRITERS' LABORATORIES (Inc.).

Cyphers Incubators, since first introduced, have borne an unequaled reputation so far as the fire risk is concerned, as established by the affidavits of agents and salesmen and as confirmed by the records of the insurance companies; therefore, the standard type of incubator manufactured by this Company fared well at the hands of the Mechanical and Consulting Engineers, as may be seen by reference to the Rules and Requirements recommended by them. Nevertheless, they wished to make doubly sure of safety in the use of even the Standard Cyphers, hence saw fit to require several minor changes in the location and insulation of the heater, and to require the adoption of a method of fire-proofing the heater end of the Standard Cyphers in such manner as would accomplish the following important results:

- No. 1. So that fire from the oil flame (or lamp) "cannot communicate to the incubator case."
- No. 2. "So that oil cannot drip from the lamp, nor fire communicate therefrom to the floor of the room in which the incubator is operated."
- No. 3. So that the lamp "cannot be filled without removal from the incubator" or lamp support.
- No. 4. So that the lamp "cannot be accidentally jarred or dislodged" from the support.
- No. 5. So that the lamp "will at all times be held in proper position and alignment" with the heat flue to heater.
- No. 6. So that the lamp can be "readily removed and replaced by the operator without spilling of oil."

You can purchase the famous Standard Cyphers Incubators and Brooders in Philadelphia only from the Johnson Seed Company.

THE FOLLOWING THREE INDISPUTABLE FACTS

Together with the **INSURABLE FEATURE** of the Standard Cyphers, and the manufacturer's **unequaled warrant of superiority**, should enable all intending purchasers of a high-grade incubator to decide, without delay, which make of machine to buy:

FIRST—Standard Cyphers Incubators are in successful use on more **large practical poultry plants** **THAN ALL OTHER MAKES OF INCUBATORS COMBINED.**

SECOND—Standard Cyphers Incubators are in successful use by more **well-known American poultrymen** **THAN ALL OTHER MAKES OF INCUBATORS COMBINED.**

THIRD—Standard Cyphers Incubators are in successful use on more **Government experiment stations** in the United States, Canada and other English-speaking countries **THAN ALL OTHER MAKES OF INCUBATORS COMBINED.**



No. 2 Standard Cyphers Incubator, 1909 pattern, 244-egg capacity. Price, \$32.00. Fire-proofed, non-moisture, self-regulating, self-ventilating, equipped with patented nursery drawers and covered by Manufacturer's Guaranty of "Satisfaction or Your Money Back."

THE CYPHERS WARRANT OF SUPERIORITY

The patented, exclusive features of the genuine Cyphers Incubators place us in a position to **positively warrant and guarantee** all Standard Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating and Self-Regulating Incubators manufactured by us and **sold under registered trade-mark**, either by this Company or its authorized agents, as follows:

FIRST—To require no supplied moisture, under normal conditions, thus solving and disposing of the troublesome "moisture question."

SECOND—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

THIRD—To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

FOURTH—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

FIFTH—To be precisely as represented in construction, materials and workmanship, and, if given reasonable care, to last ten years without repairs.

SIXTH—To be easy to set up and **positively automatic** in operation (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.

SEVENTH—To be in all essentials **the simplest and easiest** to operate and control, requiring less attention than any other make or style of incubator.

EIGHTH—To produce **larger, stronger and healthier** chicks and ducklings than any other style or make of incubator.

NINTH—That when it is run in competition with any incubator of a different make, it shall, in three or more hatches, bring out a **larger average percentage** of the fertile eggs in **good, healthy chicks and ducklings** than does its competitor.

TENTH—That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.

While you are about it, **buy the best—THE STANDARD HATCHER OF THE WORLD**—then you will know you are right, so far as owning a strictly first-class incubator is concerned, and it should be remembered, when you come to the question of success or failure in raising chickens by artificial means, that **THE INCUBATOR YOU USE** is "the neck of the bottle."

Price List of Genuine Standard Cyphers Incubators, 1909 Pattern

No. 0.	1909 Fire-Proof Standard Cyphers Incubator,	70 hen egg size—	56 duck eggs.....	\$15 00
No. 1.	1909 " " " "	144 hen egg size—	112 " ".....	22 00
No. 2.	1909 " " " "	244 hen egg size—	200 " ".....	32 00
No. 3.	1909 " " " "	390 hen egg size—	300 " ".....	38 00
Farm Economy Incubator (110 hen eggs).....				12 00
Boys' Choice Incubator (50 hen eggs).....				7 50
No. 1 Electrobator (for hatching by electricity), (72 hen eggs)				15 00

We are also Agents for CYPHERS' POULTRY FOODS and SUPPLIES. Write Us for Catalogue.

CYPHERS FIRE-PROOFED BROODERS—1909 STYLES

The Apparently Impossible Has Been Accomplished at Moderate Cost, and a Better Line of Outdoor and Indoor Brooders Produced Than Ever Before Has Been Placed on the Market.

They comply fully and satisfactorily with the severe but necessary fire protection requirements, and after being tested by the engineers have been approved by the Underwriters' Laboratories (Inc.), and will bear their label, thus notifying the interested public that these brooders **MEET ALL REQUIREMENTS**—that they have been tested, inspected and approved under the direction of the National Board of Fire Underwriters.



CYPHERS STYLE B, 1909, OUTDOOR FIRE-PROOFED INSURABLE BROODER. Formerly known as Style A. Price, \$16.50.

Three-apartment, Combination Outdoor Brooder and Colony Roosting Coop. Self-Regulating and Self-Ventilating. Equipped with Cyphers Standard Adaptable Hover and bears Fire Underwriters' "Inspected Brooder" label

CYPHERS THREE-APARTMENT BROODER, STYLE A 1908 PATTERN

Although 1908 Pattern, we shall still carry this brooder in stock, being cheaper in price (only \$15.00) than the new fire-proof style B, which is same in size. It has heretofore been the most popular make of brooder designed and built to date for use of poultry raisers under widely varying conditions. Sold by the thousands during last twelve years, and is in successful use in every civilized country in the world. Briefly, the special merits of this brooder are:

FIRST—It is the largest single-flock, popular-priced brooder.

SECOND—It is rain-proof and storm-proof.

THIRD—It is perfectly safe, being heated by a Cyphers Safety Brooder Stove instead of a lamp.

FOURTH—The stove is safe and trustworthy.

FIFTH—The fumes of the stove cannot get into the chick chamber.

SIXTH—The brooder stove is easy to get at.

SEVENTH—The round chick guard prevents crowding and keeps the chicks from coming in contact.

Price (safely crated F. O. B. Philadelphia).....\$15 00

Prices of 1909 Cyphers Fire-Proofed Insurable Brooders

CYPHERS STYLE A 1909 OUTDOOR, (formerly known as Storm King), Self-Regulating, Self-Ventilating, Two-Apartment Combination Brooder and Colony Roosting Coop, equipped with Adaptable Hover complete and bearing "Inspected Brooder" label	\$12 50
CYPHERS STYLE B 1909 OUTDOOR (formerly known as Style A), (see description above), Self-Regulating, Self-Ventilating, Three-Apartment Combination Brooder and Colony Roosting Coop, equipped with Adaptable Hover complete and bearing "Inspected Brooder" label,	16 50
CYPHERS STYLE C 1909 OUTDOOR, Self-Regulating, Self-Ventilating, Three-Apartment Combination Brooder and Colony Roosting Coop, with Double-Wall and Double-Glass Insulation, equipped with Adaptable Hover complete and bearing "Inspected Brooder" label..	18 50
CYPHERS STYLE D 1909 INDOOR, Self-Regulating, Self-Ventilating Brooder, equipped with Adaptable Hover complete and bearing "Inspected Brooder" label	11 50
CYPHERS ADAPTABLE HOVER, Self-Regulating, Self-Ventilating, for use in home-made Brooders, Colony Houses, etc., etc.; may be moved from one Brooder or Coop to another at will; complete with Standard Cyphers Regulator, Tested Brooder Thermometer and bearing "Inspected Brooder" label, safely crated.....	8 50

ABRIDGED LIST OF HIGH-GRADE POULTRY FOODS AND MEDICINES

FOR COMPLETE LIST ASK FOR OUR POULTRY SUPPLY CATALOGUE. FOODS SUBJECT TO CHANGE WITH FLUCTUATIONS OF THE MARKET

CYPHERS POULTRY FOODS

GENUINE
SEALED BAGS

	5 lb. Bag.	10 lb. Bag.	25 lb. Bag.	50 lb. Bag.	100 lb. Bag.
Cyphers Laying Food	\$0 25	\$0 40	\$0 75	\$1 40	\$2 45
“ Scratching Food	25	40	80	1 45	2 50
“ Chick Food	25	40	85	1 50	2 70
“ Forcing Food	25	40	75	1 40	2 45
“ Developing Food	25	40	80	1 45	2 50
“ Green Short Cut Alfalfa	25	40	75	1 25	2 25
“ Shredded Alfalfa	25	40	75	1 20	2 15
“ Mealed Alfalfa	25	40	80	1 35	2 40
“ Fullnest Egg Food. Two lb pkg., 25c.; pail, 25 lbs., \$2.00.					
“ Lice Powder. 5-oz. pkg., 10c.; 15-oz. pkg., 25c.; 48-oz. box., 50c.; 100 ozs., \$1.00.					
“ Roup Cure. Small pkg., 25c.; medium, 50c.; large, \$1.00.					
“ Lice Liquid. 1 qt. can, 35c.; 2 qt., 60c.; 1 gal., \$1.00.					

JOHNSON'S VIGOR FOODS

Are those of our own preparation, under our original formulas, and cannot be excelled

	5 lb. Bag.	10 lb. Bag.	25 lb. Bag.	50 lb. Bag.	100 lb. Bag.
Johnson's Vigor Ground Beef Scrap	\$0 25	\$0 45	\$1 00	\$1 75	\$3 25
“ Vigor Egg Food	25	40	80	1 45	2 50
“ Vigor Scratch Food	20	35	75	1 25	2 25
“ Vigor Pigeon Food	20	35	80	1 40	2 45
“ Short Cut Clover Hay	20	30	65	1 10	2 00
“ Mica Crystal Grit	10	20	30	45	80
“ Crushed Oyster Shell	10	20	30	45	75
“ Vigor Egg Maker. 2-lb. pkg., 25c.					
“ Vigor Roup Remedy. 25c. pkg. makes 25 gallons.					
“ Lice Powder. Pkg., 10c., 25c., 50c., \$1.00.					

Lee's Lice Liquid. 1 qt., 35c.; 2 qts., 60c.; 1 gal., \$1.00.

Lambert's Death to Lice Powder. Pkg., 10c., 25c., 50c., \$1.00.

Conkey's Roup Remedy. Pkg., 50c.; large pkg., \$1.00.

Conkey's Cholera Remedy. Pkg., 50c. (One size only.)

Charcoal. Coarse, fine, medium, 2-lb. pkg., 10c.; 100 lbs., \$2.50.

Tobacco Stems. Large bale, \$1.50; 5 bales for \$6.25.

Peas, Canada Field. For pigeons, \$1.65 per bushel.

Choice Red Wheat. Select quality. \$1.35 per bushel.

Sunflower. Russian, 10c. per qt.; \$1.40 per bushel.

Kaffir Corn. 10c. per qt.; \$1.25 per bushel.

Hemp, Russian. 10c. per qt.; about \$1.50 per bushel.

Barley. Selected feeding, 10c. per qt.; \$1.25 per bushel.

Cracked Corn. Sifted, \$2.00 per 100 lbs.

Granulated Oats, or Grits. \$4.00 per 100 lbs.

JOHNSON'S NEW
POULTRY SUPPLY CAT-
ALOGUE IS COMPLETE
AND FULL OF UP-TO-
DATE SUGGESTIONS.
We carry the largest stock
in the East. If interested,
write for it.

THOROUGHbred SCOTCH COLLIES

THE MOST FAITHFUL, MOST INTELLIGENT, MOST USEFUL OF DOGS

The King of the canine race. They are the servants of the Shepherd and the Farmer, par excellence, but if any one is in want of a faithful, intelligent, trustworthy servant and companion, let him get a Scotch Collie. There is hardly anything these dogs will not learn, and nothing they will not do. They are most loving and kind.

COLOR—We prefer sable and white as we think they make the handsomest dogs, but we often have them black and tan and black and white.

BREEDING—Our stud dogs and breeding bitches are all pedigreed and registered in the American Kennel stud book, and in their veins runs the bluest of blue blood.

Price of puppies largely depends upon breeding and individual specimens. We can mostly supply males at \$10.00 to \$15.00 each, and females at \$8.00 to \$10.00 each; \$17.00 to \$25.00 per pair.



INSECTICIDES

Spray Your Fruit Trees
They Need It

FOR SAN JOSE SCALE USE "TARGET BRAND" SCALE DESTROYER

This is composed of a non-penetrating oil combined with resin. It is thoroughly soluble in water, and will not separate, nor does it need to be agitated while spraying. It can even be mixed a day or two before being used, and allowed to be stored in the spray tank or other vessels without separation.

It is beyond a doubt the cheapest, easiest to prepare, and the most reliable spray for fruit orchards.

It coats the tree with a thin film, killing the scale by suffocation and not by penetration, as in the latter process the tree suffers. It can be used as a preventive as well as a cure.

Directions accompany each package.

Write for circular and testimonials.

Price, 1 qt., 35c.; $\frac{1}{2}$ gal., 65c.; 1 gal., \$1.00; 5 gals., \$3.75; 10 gals., \$7.50.



APHIS PUNK. A preparation of nicotine for killing insect life on plants and flowers without injuring blooms or foliage. 60c. per box of 12 rolls.

BORDEAUX MIXTURE. In liquid form. Ready for use by adding water. One gallon of mixture makes 50 gallons. Price, 1-quart can, 35c.; 1-gallon can, 90c.

COPPER SULPHATE. For early spraying and making Bordeaux Mixture. 1-lb., 10c.; 25 lbs., \$2.25; 100 lbs., \$7.50.

CARBOLIC SOAP. Price, 1-lb. cake, 10c.; or by mail, 25c.

FIR TREE OIL. Frees plants of nearly all insects to which they are subject; also a valuable remedy for animal parasites. Price, $\frac{1}{2}$ -pint tin, 40c.; pint, 65c.; qt., \$1.25.

HELLEBORE, POWDERED WHITE. For the destruction of slugs, worms, caterpillars, etc. Price, 20c. per lb., or by mail, 35c.

SLUG SHOT. For bugs and blight. Especially good for potato bugs. 5-lb. pkg., 25c.; 100 lbs., \$4.00.

PARIS GREEN. A poisonous, insoluble powder for preventing the ravages of potato bugs, worms, caterpillars, etc. Price, per lb., 35c.; 5-lb. can, \$1.60.

WHALE OIL SOAP. For washing trees and for insects on tender plants. 1-lb. box, 15c.; 5 lbs., 10c. per lb.

THE FAIRMOUNT WEED KILLER. For killing weeds in walks, drives, etc., (in liquid form). One-gallon pail makes 20 gallons treating liquid. One-gallon pail, \$1.25.



LEMON OIL. Will destroy mealy bug and red spider. $\frac{1}{2}$ pt., 25c.; 1 pt., 40c.; qt., 75c.; $\frac{1}{2}$ gal., \$1.25; 1 gal., \$2.00.

PERSIAN INSECT POWDER. $\frac{1}{4}$ lb., 10c.; 1 lb., 30c.

SULPHUR FOR MILDEW. 1 lb., 7c.; 5 lbs., 30c.; 25 lbs., \$1.25.

ROSE LEAF EXTRACT OF TOBACCO. Pt., 25c.; qt., 50c.; gal., \$1.25.

SULPHO TOBACCO SOAP. A universal insecticide. 10c. and 25c. per package.

SHOO FLY. Keeps the flies from horses and cattle. Per qt., 35c.; per gal., \$1.00.

FLY DRIVER. For use on horses and cattle. 1 qt., 60c.; 2 qts., \$1.00.

TOBACCO DUST. Pure ground tobacco (not ground stems). Per lb., 5c.; per 100 lbs., \$2.50.

TOBACCO STEMS. Per bale of about 200 lbs., \$1.50.



STERLINGWORTH WEED KILLER. A dry powder to be dissolved in water. May be applied with an ordinary watering can. Most satisfactory; completely destroys all weeds and objectionable vegetable growths. Prices: 1-lb. package, makes 15 gallons, 60c.; 8-lb. package, makes 45 gallons, \$1.25; 5-lb. package, makes 75 gallons, \$2.00.

FERTILIZERS

Write for Special Prices in Quantity

ASHES (Canada Unleached Hardwood). Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Apply about 1000 lbs. to the acre. Per 100 lbs., \$1.50; bbl., \$2.50.

GROUND BONE. Animal bones furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. The most substantial fertilizer for lawns and plants. Feeds the soil for fully ten months after application. 5-lb. bag, 25c.; 25 lbs., 75c.; 100 lbs., \$2.00; sack of 200 lbs., \$3.50.

BONE FLOUR. Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 30c.; 25 lbs., 90c.; 100 lbs., \$2.75; bag of 200 lbs., \$5.00.

No. 1—BONE PHOSPHATE. The leading ammoniated phosphate and the best for general purposes. In making new lawns or golf links this is the best fertilizer for immediate effect. 100 lbs., \$1.75; 200-lb. bag, \$2.75.

GILT-EDGED POTATO MANURE. Made expressly for white and sweet potatoes and tobacco. Keeps tubers clean and smooth. Per 200-lb. bag, \$3.50.

KAINIT (German Potash Salt). Most useful for making "Commercial" fertilizers, or can be used alone. If used on lawns it should be spread during winter. 100 lbs., \$1.25; 200 lbs., \$2.00.

LAND PLASTER. 200-lb. bag, \$1.50.

LAWN DRESSING (Odorless). A scientific food for lawns. Guaranteed. 10 lbs., 40c.; 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00.



STERLINGWORTH PLANT FOOD TABLETS. Contain nitrogen, ammonia, phosphoric acid and potash. A new, scientific, odorless, concentrated fertilizer for potted plants. If your house plants are not doing well they need these tablets. Trial size, 10c., postpaid; large size, 25c., postpaid.

NITRATE OF SODA. A fertilizer for all crops. Quick in action, and hastens maturity of crops fully two weeks. Should not be applied until the plants are above ground, when 100 to 150 lbs. per acre should be sown mixed with wood-ashes or land-plaster. 5 lbs., 30c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

SALT (Agricultural). For top-dressing asparagus beds. 200 lbs., \$1.50.

SHEEP MANURE (Pulverized). A pure natural manure and a most nutritious food for young plants. As a lawn top-dressing it is unequalled. 5-lb. package, 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

TOBACCO STEMS. A fertilizer and insecticide combined. Bbl., \$1.00; bale of about 200 lbs., \$1.50.

Spray Your Trees—Save Your Orchards

Save your trees by spraying in the spring and autumn, and counteract the ravages of the San Jose scale. Our special spraying circular will be mailed free on request. We carry a complete line of standard Spray Pumps, Atomizers and Spraying Nozzles.

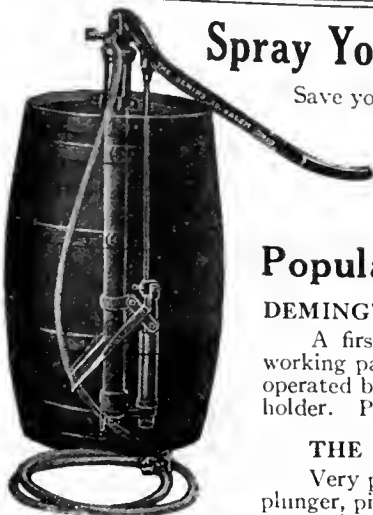
Popular Standard Spray Pumps

DEMING'S CENTURY BARREL SPRAY PUMP

A first-class pump in every respect. Has brass working parts throughout, large air chamber, agitator operated by lever, and 12½ feet hose, nozzle and pole holder. Price, without barrel, \$13.00.

THE SIMPLEX BARREL SPRAY PUMP

Very popular. Has large air chamber, brass lined plunger, piston-rod brass cased, and solid brass plunger and valves, agitator and 12½ feet of hose. Price, without barrel, \$10.00.



THE CENTURY SPRAY PUMP.
(DEMING). Price, \$13.00.



THE SIMPLEX SPRAY PUMP.
(DEMING).
Price, \$10.00.

MYERS' BUCKET PUMP

Has brass chamber, foot rest and large air chamber. Very popular. Price, \$3.00.

SUCCESS SPRAY PUMPS

Brass, large air chamber, Bordeaux nozzle and 3 feet of hose. Price, \$4.25

PERFECT SUCCESS BUCKET PUMP

One of the best, has brass working parts, foot rest, and excellent for spraying, white-washing, extinguishing fires and disinfecting stables or poultry houses. Price, \$4.75.



"Cyclone" Atomizer Sprayer



Made in tin and brass. Throws a spray as fine as mist. Is adapted for the destroying of every kind of insect. Very useful in spraying kerosene and lice killers in poultry houses; also in spraying potatoes with Paris-green water, and in gardens and vineyards. Price, tin, 50c.; brass, 75c.

Little Gem Spray Pump



Entirely of brass, including the working parts, discharge and connecting tubes, plunger-rod and air chamber, so that all parts (except the rubber hose) that come in contact with the fluid are of brass, making it practical for using any of the spraying mixtures in common use. Will throw a spray of any degree of fineness, or a round stream, to a distance of fifty feet. It is furnished with a shut-off cock. Price, including nozzle and two feet of hose, \$3.50.

Empire King Pump A Large and Powerful Pump

Has two nozzles, two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, \$13.00; including barrel, set up, \$16.00.

The Auto-Spray

The Auto-Spray is a perfect compressed-air sprayer, which works automatically from 6 to 15 minutes, according to the nozzle opening. It may be charged in 15 seconds by a few strokes of the plunger. It has a capacity of four gallons, and, when properly charged, contains three gallons of solution and one gallon of compressed air.

Eight to twelve strokes of the plunger will compress the air, and two pumpings will discharge the entire contents.

Three gallons of solution or one charge will easily cover one-half acre of potatoes or similar crop.

It is made in four styles, but we recommend the brass tank as costing but little more than the galvanized, and is practically indestructible.

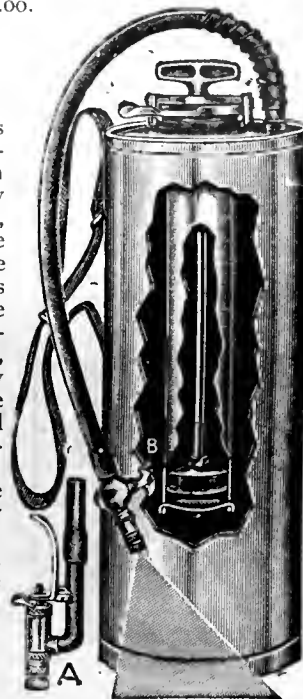
PRICE:

No. 1—A.	Brass, with Stop-cock	\$6 00
No. 1—B.	" " Auto-pop	7 00
No. 1—C.	Galvanized, with Stop-cock....	4 50
No. 1—D.	" " Auto-pop....	5 50

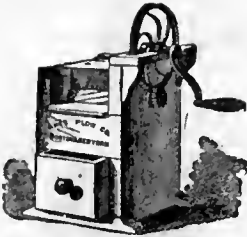
EXTENSION PIPES (2 Feet Long)

Galvanized Iron, each	\$0 25
Brass, each	40

LOWELL TANK SPRAYER..... 5 00



AUTO-SPRAY.



HORSE RADISH GRATER.



LAWN MOWERS.



CYLINDER CHURN.



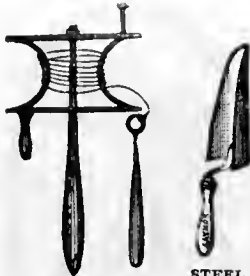
ACME ASPARAGUS BUNCHER.



PRUNING KNIFE—STAG HANDLE.



NAPANOCH TOOL KIT.



GARDEN REEL.



STEEL TROWEL.



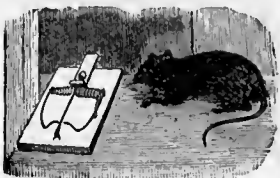
TRANSPLANTING TROWEL.



DIBBLE, IRON HANDLE.



PERFECTION SHEARS.



"OUT O' SIGHT" RAT TRAP.

Garden Tools and Requisites

Asparagus Buncher, "Acme," with knife, \$2.00.

Asparagus Knife. Chisel-shaped, 25c.

Bee Hives, Root's, Bee Supplies. Send for special list.

Bone Cutters. For green and dry bone. Send for special list.

Churns. In assortment see page 87.

Cider Mills, "Buckeye." Junior, \$12; medium, \$18; Senior, \$24.

Corn Planters. Automatic, hand, \$1.50.

Corn Shellers, "Red Chief."

" " "Favorite, Jr." Strong and well made.

Corn Shellers, "Lightning." Two hole, \$14.

Dibbles. For transplanting. Steel-pointed, wooden or iron handles, 40c., 50c., 60c.

Drills Planet Jr. See third cover page.

Drill, Eureka Seed. For hot-bed use and small gardens, \$1.

Egg Cases. See poultry supply catalogue. Free.

Feed Cookers. See poultry supply catalogue. Mailed free.

Floral Tools. 50c. to \$1 per set.

Flower Pots. Write for special prices in large quantities. 2 inches, per dozen, 7c.; per 100, 50c.; 3 inches, per dozen, 11c.; per 100, 88c.; 4 inches, per dozen, 18c.; per 100, \$1.38; 5 inches, 32c.; per 100, \$2.50; 6 inches, per dozen, 49c.; per 100, \$3.75; 7 inches, per dozen, 78c.; per 100, \$6.00.

Flower Pot Saucers and Bulb Pans. All sizes. Write for quotations.

Neponset Water-Proof Paper Flower Pots. Invaluable to the florist. (Send for special circular.) Prices: 2½-inch, per 1000, \$2.40; 3-inch, per 1000, \$3.90; 3½-inch, per 1000, \$5.15; 4-inch, per 1000, \$6.90.

Forks, Garden. In large assortment.

Garden Lines. 60 ft., 30c.; 90 ft., 60c.; 120 ft., 75c.

Garden Reels. Iron, small, 50c.; galvanized, single, \$1.25; galvanized, double, \$1.75.

Glazing Points, "Pecrless." Per 1000, 60c.; 5000 lots, 55c. per 1000.

Harrows. See page 96 and third cover.

Hoes. In large variety.

Horse Hoes—Planet Jr., Iron Age. See page 96 and third cover.

Horseradish Graters. No. 1, \$6; No. 2 (steel pin), \$7; No. 3 (steel pin with legs and treadle), \$11.

Hose. Rubber, garden, 8, 10 and 12c. per ft.

Hotbed Mats. Burlap, 40 x 76 in., 85c.; 76 x 76 in., \$1.10. (Special price by the dozen.)

Hotbed Sash. Without glass, 3 x 6 ft., \$1.25 each; with glass, \$3 each.

Knives. Budding, 20 cts. to \$1; corn, 50 cts., potato, concave and curved, 30 cts.; pruning, 75 cts. to \$1; edging, American, 50 cts.; English, \$1.25.

Labels. For pots, painted, 3½ in., 70c. per 1000; 4-in., 80c. per 1000; 4½ in., 85c. per 1000; 5-in., \$1 per 1000; 6-in., \$1.50 per 1000; 10-in., \$4.50 per 1000.

Labels. For trees, notched, 50 cts. per 1000 iron-wired, \$1 per 1000; copper-wired, \$1.25 per 1000.

Lawn Mowers. Ask for prices.

Lawn-Sprinklers. In variety, 75c. to \$3.50.

Mastica. For glazing greenhouses. Per ½ gal. 65c; per gal. \$1.25.

Mastica Machines. For applying mastica, \$1.25 each.

Plant Bed Cloth, Light. 8c. per yard; piece of 68 yards, 7½c. per yard; medium, 12c. per yard; piece of 60 yards, 11½c. per yard; **Heavy,** 15c. per yard; piece of 40 yards, 14c. per yard. Samples on application.

Poultry Supplies. Full and complete stock. See pages 87, 88, 89, this catalogue, and send for our special catalogue.

Presses. Wine and berry. No. 1, \$3; No. 2, \$3.75; No. 3, \$6.

Pruner. Water's Improved Tree, 4 ft., 75c.; 6 ft., 85c.; 8 ft., \$1; 10 ft., \$1.15; 12 ft., \$1.25.

Pumps. See page 93.

Rakes. All styles, sizes and prices, 30c. to \$1.

Raphia. For tying asparagus, etc. Per lb., 15c.; 10 lbs., \$1.25; 100 lbs., \$11. Special price by the bale.

Roofing Materials. See poultry supply catalogue.

Saws. Pruning, 16-in., 75 cts.; 18-in., 90 cts., 20-in., \$1.10.

Seissors. Grape thinning, English, \$1; Fruit and Flower Gatherers, hold after cutting, American, 25 cts.; imported, \$1.

Scythes. American, \$1; American, brush, 90 cts.; English, lawn, riveted back, \$1.25.

Seed Sowers.

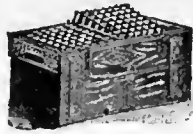
Cahoon. Broadcast, easily regulated, \$3.25.

Cyclone. Sows all kinds of grain and grass seed perfectly, \$1.50.

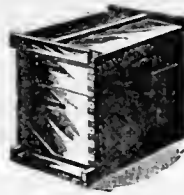
Little Giant. \$1.50.



FLOWER POTS.



EGG OASES
"HUMPTY DUMPTY."



BEE HIVES.



DIBBLE,
WOOD HANDLE



EUREKA SEED DRILL.

Shears. Hedge, \$1.50; Grass Border, \$2; with wheel, \$2.50; Pruning, "Perfect," No. 7, \$1.75; No. 8, \$2; Lopping, long-handled, 75c; Tree Pruning, 6 ft., 85c.; 8 ft., \$1; 10 ft., \$1.15; Sheep, for grass, 50c. and 75c.

Shovels. In variety. 85 cts. to \$1.50.

Sickles, or Grass Hooks. American, 25 cts.; English, riveted back, 50c.

Sieves. 18-in., any mesh, 60 cts.; 20-in., any mesh, 75 cts.

Spades. In variety. 85 cts. to \$1.50.

Sprayers. See page 93.

Thermometers. Tin, japanned, 15 cts.; glass floating for dairy, 15c. and 25c.; hot-bed or mushroom, \$1.50; incubator 50c.; self register, 2.50. See also page 94.

Tool Kit Napanoch. A good friend and handy article to have in case of accident. Price, \$2.

Trowels. Stamped steel, 10c., 15c. and 20c.; Solid steel, 35c., 40c. and 50c.

Trowel. Transplanting, 35c.

Traps, "Olmsted" (Mole.) The best, \$1.50. "Out-o'-Sight" (Rat), 15c. each; \$1.25 per dozen. "Out-o'-Sight" (Mouse). 10c. each; 25c. for 3; 85c. per dozen.

Twines. Cotton, 25c. lb.; jute, 18c. lb.; flax, 30c. lb.

Watering Pots. Galvanized, short spout, 4-qt., 40c.; 6-qt., 50c.; 8-qt., 65c.; 10-qt., 85c.; 12-qt., \$1; 16-qt., \$1.50. Tin, painted green, 1-qt., 20c.; 2-qt., 25c.; 4-qt., 35c.; 6-qt., 45c.; 8-qt., 60c.; 10-qt., 75c.

Watering Pots. Heavy Galvanized Long Spout. 4-qt., \$1.50; 6-qt., \$1.75; 8-qt., \$2; 10-qt., \$2.25; 12-qt., \$2.60.

Water Barrel and Truck. 1½-in. wheels, \$9.25; 2½-in. wheels, \$10; 3½-in. wheels, \$10.75; Large Box to fit on truck, \$3.

Weeders, "Excelsior," 10c. **Three-Prong,** 15c. **"Laing's,"** 25c. **"Cleveland,"** lawn, 50c.

Wheelbarrows. Wide tread, No. 3, \$3.50; No. 4, \$4; No. 5, \$4.50.

We carry many TOOLS AND REQUISITES not listed here. When in Philadelphia, CALL at 217 Market St. AND INSPECT OUR STOCK.

MARKET GARDENERS' NECESSITIES

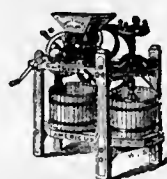
Our stock of these is up-to-date and complete. Write us about your needs, or send for special catalogue.



TELEGRAPH HAY CUTTER



WINE AND BERRY PRESS.



BUCKEYE CIDER MILL.



RELIABLE FEED COOKER.



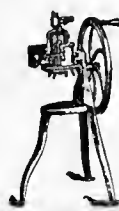
LAWN SPRINKLER.



Machine
for applying
Mastica.



WATER BARREL AND TRUCK.



GREEN BONE
CUTTERS.



EXCELSIOR
WEEDER.



DRY BONE AND SHELL MILL.

PLANET JR. FARM AND GARDEN TOOLS

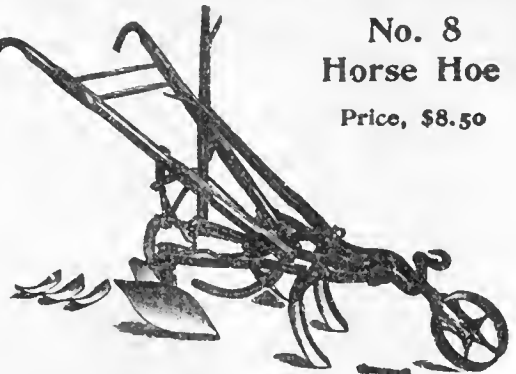
Planet Jr. Tools enable you to do two days' work in one, easier, cheaper, better, with less fatigue. They pay for themselves in a season. Write to-day for a free copy of the 1909 Planet Jr. Catalogue, a finely illustrated, instructive handbook. Describes entire Planet Jr. line, including seeders; wheel hoes; hand, one and two-horse cultivators; harrows, etc.

**No. 3
Hill and Drill Seeder**
Price, \$10.00



Planting in rows and thinning afterwards is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row as desired. Changed in a moment. Holds 3 quarts. The most accurate drill made, and guaranteed satisfactory.

**No. 8
Horse Hoe**
Price, \$8.50



No. 8 Horse Hoe is a remarkably efficient Cultivator and Hoe, meeting perfectly the many needs for which it is intended. Extra high, stiff steel frame, with interchangeable non-clogging self-polishing standards. Closes to 9 and opens to 25 inches. Patent depth regulators; adjustable handles; reversible hoes, and many other exclusive features.



No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Price, complete, \$10.50
As a Drill only \$8.50

With a No. 4 Combined Drill you will have a better garden with much less work.

The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

Twelve-Tooth Harrow, Cultivator and Pulverizer
Price, \$8.50
Less Pulverizer, \$7.00
Less Wheel and Pulverizer, \$6.00



With the Twelve-Tooth Harrow you go deep or shallow, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it. It's a special favorite with strawberry growers, market gardeners and truckers.

No. 16 SINGLE WHEEL HOE
A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheels can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.
Price, \$5.50



No. 11 Double Wheel Hoe
Price, \$8.50



This Wheel Hoe is a famous labor-saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut. Nothing like it for onion growers.

No. 17 SINGLE WHEEL HOE

This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time.
Price, \$4.75



PLANET JR. No. 12 Double Wheel Hoe

Price, \$6.50



This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments, and is sold at a correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted.

Fire-Fly Garden Plow

Price, \$2.25.



Invaluable for use in small gardens. Mold-board of tempered and polished steel. The depth is easily and quickly changed.


Very useful to plow up chicken yards.

JOHNSON SEED COMPANY

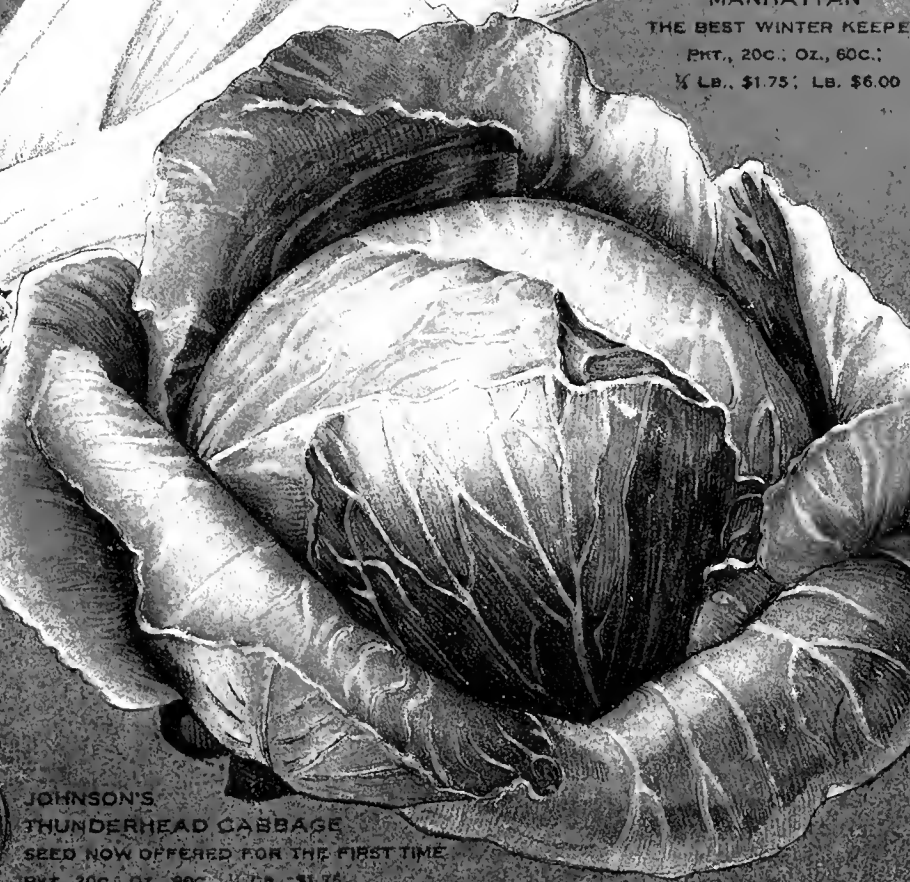
PHILADELPHIA, PA.



JOHNSON'S
GIANT BEAUTY
MOST VALUABLE SECOND
EARLY AND LATE TOMATO
PKTS. 25C. 5 PKTS. \$1.00. OZ. \$2.00



NEW FORDHOOK BUSH
LIMA: POD AND BEANS
ARE ABOUT TWICE THE
SIZE OF ANY OTHER
BUSH LIMA



JOHNSON'S
MANHATTAN
THE BEST WINTER KEEPER
PKT., 20C.; OZ., 60C.;
1/2 LB., \$1.75; LB. \$6.00

JOHNSON'S
THUNDERHEAD CABBAGE
SEED NOW OFFERED FOR THE FIRST TIME
PKT., 20C.; OZ., 60C.; 1/2 LB., \$1.75